July 24-27, 2024
Rotterdam, the Netherlands

Program for the 45th Annual Meeting

COGSCI 2024
DYNAMICS OF COGNITION
July 24-27 • Rotterdam

#CogSci2024
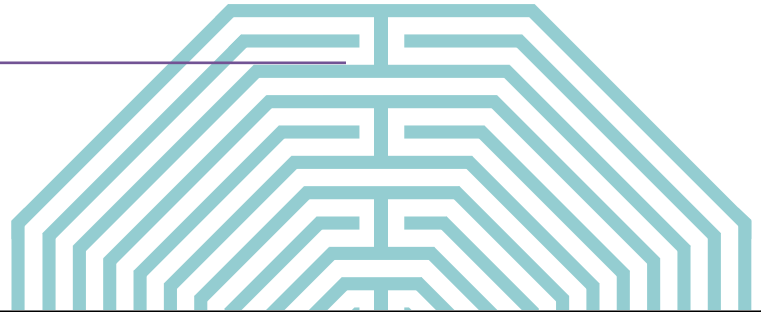
PROGRAM AT A GLANCE

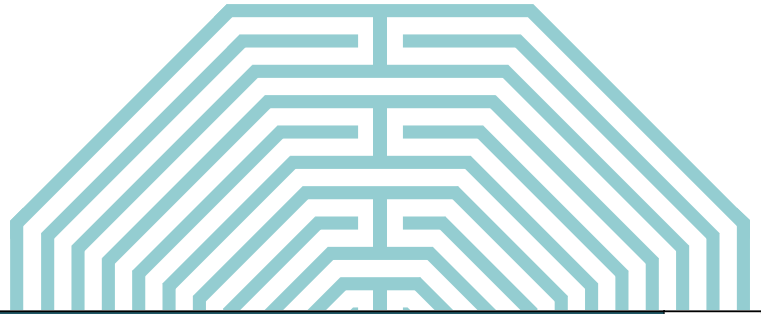## WEDNESDAY, JULY 24
Program and times subject to change

LOCAL ROTTERDAM	Wednesday, July 24						LOCAL ROTTERDAM
07:30							07:30
07:45							07:45
08:00						**Workshop 6** CAREER PATHS BEYOND THE TENURE TRACK FOR COGNITIVE SCIENTISTS Goudriaan	08:00
08:15							08:15
08:30	**Workshop 1** IN-CONTEXT LEARNING IN NATURAL AND ARTIFICIAL INTELLIGENCE Diamond II	**Workshop 2** COGGRAPH: BUILDING BRIDGES BETWEEN COGNITIVE SCIENCE AND COMPUTER GRAPHICS Leeuwen	**Workshop 3** COMPOSITIONALITY IN MINDS, BRAINS AND MACHINES: A UNIFYING GOAL THAT CUTS ACROSS COGNITIVE SCIENCES Mees	**Workshop 5** IMPROVING CONCEPTS IN COGNITIVE SCIENCE Diamond I			08:30
08:45							08:45
09:00							09:00
09:15							09:15
09:30							09:30
09:45							09:45
10:00	Refreshments Available (10:00 - 10:30)						10:00
10:15							10:15
10:30	**Workshop 1** IN-CONTEXT LEARNING IN NATURAL AND ARTIFICIAL INTELLIGENCE (Continued) Diamond II	**Workshop 2** COGGRAPH: BUILDING BRIDGES BETWEEN COGNITIVE SCIENCE AND COMPUTER GRAPHICS (Continued) Leeuwen	**Workshop 3** COMPOSITIONALITY IN MINDS, BRAINS AND MACHINES: A UNIFYING GOAL THAT CUTS ACROSS COGNITIVE SCIENCES (Continued) Mees	**Workshop 5** IMPROVING CONCEPTS IN COGNITIVE SCIENCE (Continued) Diamond I		**Workshop 6** CAREER PATHS BEYOND THE TENURE TRACK FOR COGNITIVE SCIENTISTS (Continued) Goudriaan	10:30
10:45							10:45
11:00							11:00
11:15							11:15
11:30							11:30
11:45							11:45
12:00	Lunch on Own (12:00 - 13:00)						12:00
12:15							12:15
12:30							12:30
12:45							12:45
13:00	**Workshop 1** IN-CONTEXT LEARNING IN NATURAL AND ARTIFICIAL INTELLIGENCE (Continued) Diamond II	**Workshop 2** COGGRAPH: BUILDING BRIDGES BETWEEN COGNITIVE SCIENCE AND COMPUTER GRAPHICS (Continued) Leeuwen	**Workshop 3** COMPOSITIONALITY IN MINDS, BRAINS AND MACHINES: A UNIFYING GOAL THAT CUTS ACROSS COGNITIVE SCIENCES (Continued) Mees	**Workshop 5** IMPROVING CONCEPTS IN COGNITIVE SCIENCE (Continued) Diamond I	**Workshop 7** USING PSYCHOMETRICS TO IMPROVE COGNITIVE MODELS–AND THEORY Penn Room	**Workshop 4** RAPPROCHEMENT, NOT DETENTE: HOW COGNITIVE SCIENCE AND INDUSTRY CAN GET BACK TO GETTING ALONG,... Goudriaan	13:00
13:15							13:15
13:30							13:30
13:45							13:45
14:00							14:00
14:15							14:15
14:30	Refreshments Available (14:30 - 15:00)						14:30
14:45							14:45
15:00	**Workshop 1** IN-CONTEXT LEARNING IN NATURAL AND ARTIFICIAL INTELLIGENCE (Continued) Diamond II	**Workshop 2** COGGRAPH: BUILDING BRIDGES BETWEEN COGNITIVE SCIENCE AND COMPUTER GRAPHICS (Continued) Leeuwen	**Workshop 3** COMPOSITIONALITY IN MINDS, BRAINS AND MACHINES: A UNIFYING GOAL THAT CUTS ACROSS COGNITIVE SCIENCES (Continued) Mees	**Workshop 5** IMPROVING CONCEPTS IN COGNITIVE SCIENCE (Continued) Diamond I	**Workshop 7** USING PSYCHOMETRICS TO IMPROVE COGNITIVE MODELS–AND THEORY (Continued) Penn Room	**Workshop 4** RAPPROCHEMENT, NOT DETENTE: HOW COGNITIVE SCIENCE AND INDUSTRY CAN GET BACK TO GETTING ALONG,… (Continued) Goudriaan	15:00
15:15							15:15
15:30							15:30
15:45							15:45
16:00							16:00
16:15							16:15
16:30							16:30
16:45							16:45
17:00							17:00
17:15							17:15
17:30		**Affinity Group** ASIA-PACIFIC COGNITIVE SCIENCE GROUP Leeuwen	**Discussion Group** AI AND COGNITION: TRANSFORMATIVE TOOL OR DISRUPTIVE FORCE? Mees		**Discussion Group** CAN ROBOTS DREAM? Penn		17:30
17:45							17:45
18:00							18:00
18:15							18:15
18:30							18:30

Registration (Mercurius Hall)

THURSDAY, JULY 25
Program and times subject to change

LOCAL ROTTERDAM		Thursday, July 25											LOCAL ROTTERDAM
07:30													07:30
07:45													07:45
08:00		Refreshments available (08:00 - 08:30)											08:00
08:15													08:15
08:30		Welcome from CSS Chair and Program Chairs											08:30
08:45													08:45
09:00		Keynote Address Dynamics Between Minds & the Environment Morgan Barense (09:00 - 10:00) Rotterdam Hall											09:00
09:15													09:15
09:30													09:30
09:45													09:45
10:00		Refreshment Break (10:00 - 10:30)											10:00
10:15													10:15
10:30	Registration & Exhibits(08:00 - 7:00); Mercurius & Shipping Hall	Gleitman Talk + Oral Talk T.01 Decision Making 1 Rotterdam Hall	Symposium 1 Is Deep Learning the Answer for Understanding Human Cognitive Dynamics? Diamond I	Symposium 2 Who is responsible for collective action? Diamond II	Oral Talk T.02 Social Cognition 1 Penn	Oral Talk T.03 Cognitive Development 1 Goudriaan	Oral Talk T.04 Decision Making 2 Leeuwen	Oral Talk T.05 Memory 1 Mees I	Oral Talk T.06 Language Comprehension 1 Mees II	Oral Talk T.07 Computational Modeling 1 J.F. Staal	Oral Talk T.08 Event Processing 1 Van Walsum	Oral Talk T.09 Artificial Intelligence 1 Van der Veeken	Registration & Exhibits (08:00 - 07:00); Mercurius & Shipping Hall	10:30
10:45													10:45
11:00													11:00
11:15													11:15
11:30													11:30
11:45													11:45
12:00		Lunch on Own (12:00 - 13:00)		Affinity Group Meeting OPEN ENCYCLOPEDIA OF COGNITIVE SCIENCE Penn	Lunch on Own (12:00 - 13:00)									12:00
12:15													12:15
12:30													12:30
12:45													12:45
13:00		Poster Session 1 (13:00 - 14:15) Shipping & Exchange Hall			Poster Session 1 (13:00 - 14:15) Shipping & Exchange Hall									13:00
13:15													13:15
13:30													13:30
13:45													13:45
14:00													14:00
14:15		Invited Symposium 1 Dynamics Between Minds & the Environment Rotterdam Hall	Symposium 3 Higher cognition in large language models Diamond I	Oral Talk T.10 Embodied Cognition Goudriaan	Oral Talk T.11 Social Cognition 2 Penn	Oral Talk T.12 Language Acquisition 1 Diamond II	Oral Talk T.13 Concepts 1 Leeuwen	Oral Talk T.14 Cognitive Development 2 Mees I	Oral Talk T.15 Animal Cognition J.F.Staal	Oral Talk T.16 Language Comprehension 2 Mees II	Oral Talk T.17 Perception 1 Van Walsum	Oral Talk TR.18 Reasoning Van der Veeken		14:15
14:30													14:30
14:45													14:45
15:00													15:00
15:15													15:15
15:30													15:30
15:45		15 minute comfort break (15:45 - 16:00)											15:45
16:00		Rumelhart Prize Presentation Alison Gopnik (16:00 - 17:00) Rotterdam Hall											16:00
16:15													16:15
16:30													16:30
16:45													16:45
17:00													17:00
17:15		Rumelhart Reception (17:00 - 18:30) Shipping/Exchange/Mercurius Hall											17:15
17:30													17:30
17:45													17:45
18:00													18:00
18:15													18:15
18:30													18:30

FRIDAY, JULY 26

Program and times subject to change

LOCAL ROTTERDAM	Friday, July 26													LOCAL ROTTERDAM
07:30														07:30
07:45														07:45
08:00														08:00
08:15														08:15
08:30	Refreshments Available (08:30 - 09:00)													08:30
08:45														08:45
09:00	The C.L. de Carvalho-Heineken Prize Keynote Address — Kia Nobre (09:00 - 10:00) — Rotterdam Hall													09:00
09:15														09:15
09:30														09:30
09:45														09:45
10:00	Refreshments Available (10:00 - 10:30)													10:00
10:15														10:15
10:30	Rumelhart Symposium — Rotterdam Hall	Symposium 4 How does the sensory-motor brain integrate and give rise to cognition and learning? — Diamond I	Oral Talk T.19 Causation — Penn	Oral Talk T.20 Cognitive Development 3 — Goudriaan	Oral Talk T.21 Language Acquisition 2 — Diamond II	Oral Talk T.22 Social Cognition 3 — Leeuwen	Oral Talk T.23 Language Production 1 — Mees I	Oral Talk T.24 Large Language Models 1 — Mees II	Oral Talk T.25 Cognitive Neuroscience 1 — J.F. Staal	Oral Talk T.26 Real World Decisions — Van Walsum	Oral Talk TR.27 Computational Modeling 2 — Van der Veeken			10:30
10:45														10:45
11:00														11:00
11:15														11:15
11:30														11:30
11:45														11:45
12:00	Lunch on Own (12:00 - 13:00)						Funding Discussion GETTING FUNDING TO DO COGNITIVE SCIENCE & EDUCATION RESEARCH — Mees I	Lunch on Own (12:00 - 13:00)						12:00
12:15														12:15
12:30														12:30
12:45														12:45
13:00	Poster Session (13:00 - 14:15) — Shipping & Exchange Hall							Poster Session (13:00 - 14:15) — Shipping & Exchange Hall						13:00
13:15														13:15
13:30														13:30
13:45														13:45
14:00														14:00
14:15	Elman Prize Symposium — Rotterdam Hall	Symposium 5 What Should I Do Now? Goal-Centric Outlooks on Learning, Exploration, and Communication — Diamond I	Symposium 6 From Fungi to Thought: Exploring Cognition in Mushroom Foraging — Diamond II	Oral Talk T.28 Theory of Mind — Penn	Oral Talk T.29 Pragmatics — Goudriaan	Oral Talk T.30 Cognitive Development 4 — Leeuwen	Oral Talk T.31 Concepts 2 — Mees I	Oral Talk T.32 Decision Making 3 — Mees II	Oral Talk T.33 Dynamical Systems — J.F. Staal	Oral Talk T.34 Semantics — Van Walsum	Oral Talk TR.35 Perception/Learning/Memory — Van der Veeken			14:15
14:30														14:30
14:45														14:45
15:00														15:00
15:15														15:15
15:30														15:30
15:45	15 minute comfort break (15:45 - 16:00)													15:45
16:00	Invited Symposium 2 Dynamics Between the Minds — Rotterdam Hall	Symposium 7 Advances in the Study of Event Cognition — Diamond I	Symposium 8 Dynamics of memory search — Diamond II	Oral Talk T.36 Language Processing — Mees I	Oral Talk T.37 Cognitive Development 5 — Leeuwen	Oral Talk T.38 Language Acquisiton 3 — Mees II	Oral Talk T.39 Language Comprehension 3 — Penn	Oral Talk T.40 Perception 2 — J.F. Staal	Oral Talk T.41 Reasoning 2 — Van Walsum	Oral Talk T.42 Philosophy & Language Evolution — Goudriaan	Oral Talk TR.43 Cognitive Neuroscience 2 — Van der Veeken			16:00
16:15														16:15
16:30														16:30
16:45														16:45
17:00														17:00
17:15														17:15
17:30	15 minute comfort break (17:30 - 17:45)													17:30
17:45	Keynote Address - Dynamics Between Minds — Andrea E. Martin (17:45 - 18:45) — Rotterdam Hall													17:45
18:00														18:00
18:15														18:15
18:30														18:30

Left/Right margin: Registration & Exhibits(8:00 AM - 7:00 PM): Mercurius & Shipping Hall

SATURDAY, JULY 27

Program and times subject to change

LOCAL ROTTERDAM	Saturday, July 27	LOCAL ROTTERDAM
08:00	**Refreshments Available** (08:00 - 08:30)	08:00
08:15		08:15
08:30	**A year in CSS: Conversation with Society President Anna Papafragou (08:30 - 09:00)** Rotterdam Hall	08:30
08:45		08:45
09:00	**Keynote Address - Dynamics Within Minds** Gregor Schöner (09:00 - 10:00) Rotterdam Hall	09:00
09:15		09:15
09:30		09:30
09:45		09:45
10:00	**Refreshments Available** (10:00 - 10:30)	10:00
10:15		10:15

Left margin (vertical): Registration & Exhibits (8:00 AM - 5:00 PM): Mercurius & Shipping Hall
Right margin (vertical): Registration & Exhibits (8:00 AM - 5:00 PM): Mercurius & Shipping Hall

Morning parallel sessions (10:30 – 11:45):

Glushko Talks Rotterdam Hall	**Symposium 9** Computational Social Cognition: Approaches and challenges Diamond I	**Oral Talk T.44** Education Penn	**Oral Talk T.45** Cognitive Development 6 Goudriaan	**Oral Talk T.46** Perception 3 Leeuwen	**Oral Talk T.47** Artificial Intelligence 2 Diamond II	**Oral Talk T.48** Bayesian Modeling Mees I	**Oral Talk T.49** Emotion Mees II	**Oral Talk T.50** Morality J.F. Staal	**Oral Talk T.51** Decision Making 4 Van Walsum	**Oral Talk TR.52** Cognitive Development 7 Van der Veeken

Lunch on Own (12:00 - 13:00)

Poster Session (13:00 - 15:00)

Shipping & Exchange Hall

Afternoon parallel sessions (15:00 – 16:15):

Invited Symposium 3 Dynamics Within Minds Rotterdam Hall	**Symposium 10** The Fundamental Flexibility of Abstract Words Diamond I	**Symposium 11** Towards a movement science of communication Diamond II	**Oral Talk T.53** Social Cognition 4 Goudriaan	**Oral Talk T.54** Language Acquisiton 4 Mees II	**Oral Talk T.55** Language Production 2 Penn	**Oral Talk T.56** Large Language Models 2 Mees I	**Oral Talk T.57** Event Processing 2 Leeuwen	**Oral Talk T.58** Computational Neuroscience J.F. Staal	**Oral Talk T.59** Spatial Cognition Van Walsum	**Oral Talk T.60** Memory 2 Van der Veeken

15 minute comfort break (16:30 - 16:45)

Closing/Thank you (16:45 - 17:00) Rotterdam Hall

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LETTER FROM THE PRESIDENT

Dear CogSci 2024 Attendees,

Welcome to the 2024 Meeting of the Cognitive Science Society in Rotterdam! CogSci 2024 brings together a large community of cognitive scientists who have traveled here from around the world, as well as a smaller group of remote presenters. I would like to extend an especially warm welcome to our first-time CogSci meeting attendees, and hope that their experience inspires them to join our future meetings for many years to come.

I want to thank this year's conference co-chairs, Larissa K Samuelson, Stefan Frank, Mariya Toneva, Allyson Mackey, and Eliot Hazeltine, for putting together an amazing series of invited talks and symposia around the theme of **Dynamics of Cognition**. The co-chairs also deserve credit for handling a record-breaking number of submissions and producing a truly exciting conference program.

Beyond the invited talks and symposia dedicated to this year's conference theme, I would like to highlight the presentations and events honoring the Rumelhart, Elman, Gleitman and C.L. de Carvalho-Heineken prize winners, including the Rumelhart reception on Friday. As you may know, we are recording all of the invited talks and symposia, and all prize-winners' talks, and will be making this content available after the conference.

The Cognitive Science Society relies on the volunteer efforts of our Governing Board members who work on matters related to our membership; conference policies; diversity and inclusion, international, and outreach initiatives; prizes and much more. We welcome interest from Society members who would like to become more involved in what we do. The Society is deeply grateful to Rick Dale and Andrea Bender, who serve as editors of the two Society journals, Cognitive Science and Topics in Cognitive Science respectively. We especially acknowledge our editors' generosity in donating their stipends each year to D&I and outreach efforts.

This year's Annual Meeting depends critically on the support of Marischal De Armond and his team at Podium Conference Specialists: Sharon Zwack, Cendrine De Vis, Sarah-Kate Burke, and Rachel Waller worked tirelessly to secure the venue and handled a multitude of logistical and organizational issues, from arranging coffee breaks and receptions to making sure that a huge number of posters fits comfortably into the available space. Finally, and importantly, I would like to acknowledge the Cognitive Science Society Executive Officer, Erica Wojcik, for managing the complex and ever-expanding sphere of our Society's activities.

I hope you enjoy this year's meeting and the many different opportunities to engage with the vibrant community of cognitive scientists gathered here. I also hope you get a chance to explore the great city of Rotterdam with its many attractions, museums, restaurants and scenic views. If you'd like to talk more about our Society, or simply want to say hello, please stop by!

Anna Papafragou
President, Cognitive Science Society 2023-2024

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DEAR COLLEAGUES

We are very pleased to welcome you to the 46th Annual Conference of the Cognitive Science Society in wonderful Rotterdam. It is exciting to have so many of us together again to discuss the latest and greatest research in the field. We are also grateful to the society for sponsoring a stream of remote talks and poster 'flash talk' presentations for the members of our society who are not able to attend in person.

Our theme this year is "Dynamics of Cognition". Much work in Cognitive Science has sought to understand how cognitive processes evolve over time to adapt to the multiple influences that impinge on the cognitive system. Our subthemes of Dynamics Within the Mind, Dynamics Between Minds, and Dynamics Between Minds and the Environment showcase our diverse understanding of how cognitive processes unfold over time in diverse kinds of interactions. The three keynote speakers and invited symposia highlight contributions to this understanding from scientists representing the broad range of fields that contribute to cognitive science and the geographical and career-stage diversity of the Cognitive Science community. They will present work examining dynamic processes at scales ranging from neural interactions in the brain to learning processes in individuals and groups. Together this work highlights how understanding of the dynamics of cognition thrives on data from a wide range of methods including behavioral, neural, computational and robotic in studies that examine domains from language, decision making, cognitive control, perception, and social cognition.

This year's program will also include a wide range of talks by society members honored for their distinguished contributions. The Rumelhart Prize Keynote address will be given by Alison Gopnik, the Heineken Prize Keynote by Kia Nobre, and the Gleitman Prize Keynote by Isabelle Dautriche. In addition, the Elman Prize Symposium will honor the work of Asifa Majid and the Rumelhart Symposium will honor Alison Gopnik's work with a focus on childhood as exploration. There will also be a series of talks by Glushko prize winners receiving recognition for their outstanding dissertation research.

Our contributed program includes 218 in-person and 16 remote talks, as well as 905 in-person and 92 remote poster presentations, representing the diversity of topics and methods so critical to our field. In addition, we have seven pre-conference workshops and a lunch session on securing funding with representatives from a range of international funders. And while all that will surely keep attendees busy, our host city offers plenty of diversions, including architecture tours, a thriving food scene and galleries to name a few. Please also be sure to join us at the Rumelhart award reception at the end of the day on Thursday.

We hope you find the program stimulating and inspiring. We have enjoyed putting it together and are excited to share it with you.

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Many people have contributed to the planning and organizing of Cognitive Science 2024, all of whom have our sincere gratitude. In particular we wish to extend thanks to the 1308 members of the community who provided reviews and the 174 meta-reviewers. We had a very high volume of submissions this year and greatly appreciate everyone who took on extra reviews and meta-reviews so we could ensure the continued quality of the work presented at the conference.

Our work planning this conference benefited from guidance and support of Executive Officer Erica Wojcik, Chair of the Society Anna Papafragou, and the Governing Board. We also wish to thank past conference chairs who provided advice, support, and suggestions including Jennifer Culbertson, Desmond Ong, and Stephanie Denison. Logistic support from the staff at Podium Conferences including Sharon Zwack and Sarah-Kate Burke has been invaluable, as has the PCS support of David Cserjan and James Stewart, and Jerrold Shiroma of eScholarship. In addition, we would like to thank the multiple Program Committee members who reviewed symposia, member abstracts, and workshop proposals; made decisions about the numerous conference awards; supported volunteers and arranged sponsors. The full list of all those that made this conference possible is provided on the following pages.

We and the society are also grateful to the conference sponsors including The Robert J. Glushko and Pamela Samuelson Fund, Duolingo, Google DeepMind, NIRx, the Psychonomic Society, Artinis Medical Systems, MIT-IBM Watson AI Lab, the University of Chicago Press, and the Oxford University Press.

Lastly, we thank all the society members whose submitted work makes this conference so dynamic and exciting. We hope you all have a stimulating and rewarding conference!

Your Program Co-Chairs,

Larissa Samuelson, *University of East Anglia*
Stefan Frank, *Radboud University*
Mariya Toneva, *Max Planck Institute for Software Systems*
Allyson Mackey, *University of Pennsylvania*
Eliot Hazeltine, *University of Iowa*

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Tutorials and Workshops	ELIZABETH BONAWITZ Ilker Yildirim Marisa Casillas Francis Mollica
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Mariya Toneva,
Max Planck Institute for Software
Systems, Germany

SOCIETY INFORMATION

ABOUT THE COGNITIVE SCIENCE SOCIETY

The Cognitive Science Society brings together researchers from around the world who hold a common goal: understanding the nature of the human mind. The mission of the Society is to promote Cognitive Science as a discipline, and to foster scientific interchange among researchers in various areas of study, including Artificial Intelligence, Linguistics, Anthropology, Psychology, Neuroscience, Philosophy, and Education.

The Society is a non-profit professional organization and its activities include sponsoring an annual conference and publishing the journals Cognitive Science and TopiCS.

COGSCI2024
DYNAMICS OF COGNITION
July 24-27 • Rotterdam

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COGNITIVE SCIENCE SOCIETY BUSINESS MEETING

A Year in CSS: Conversations with the CSS President is scheduled for **Saturday, July 27 at 08:30** in the Rotterdam Theatre at the Postillion Hotel & Convention Centre in Rotterdam, the Netherlands.

MEMBERSHIP INFORMATION

Your membership dues help support important activities by the Society, including our expanding accessibility, communications, diversity, and environmental responsibility initiatives. Most importantly, members help us achieve our mission to expand our understanding of the human mind, to promote Cognitive Science as a discipline, and to foster scientific interchange among researchers in various areas of study, including Anthropology, Artificial Intelligence, Education, Linguistics, Neuroscience, Philosophy and Psychology.

In addition to the connections you will make with fellow members, your CSS membership also includes access to the following:

- Ability to participate in society elections
- Opportunities for professional development and networking
- Web-based electronic access to Cognitive Science Journal and Topics in Cognitive Science (TopiCS)
- Reduced registration fees at the Annual Meeting of the Cognitive Science Society
- Reduced subscription rates to the journals Trends in Cognitive Sciences, Trends in Neurosciences, and Connection Science
- Reduced subscription rate to the Journal of Experimental and Theoretical Artificial Intelligence
- Discounted book prices from select publishers
- Online access to Policy Insights from the Behavioral and Brain Sciences

COGNITIVE SCIENCE SOCIETY GROVE

The Cognitive Science Society has established the CogSci Grove which aims to mobilise cognitive scientists to offset carbon emissions associated with their professional activities. To date, over 2000 trees have been planted in protected sites in the Scottish Highlands where they will create homes for wildlife and forests for the future. More information is available on *the website*.

The British Journal for the Philosophy of Science

The British Journal for Philosophy of Science

Volume 75 / Issue 1
March 2024

Published by the University of Chicago Press
on behalf of the British Society for the Philosophy of Science

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CONFERENCE SERVICES

THE VENUE:
POSTILLION HOTEL & CONVENTION CENTRE WTC (World Trade Centre)

The Postillion Hotel & Convention Centre WTC is located in the heart of Rotterdam and is 3 minutes by metro or 15 minutes walking from Rotterdam Centre Station.

The address is **Beursplein 37** (Convention Centre Entrance), **Meent 110** (Hotel Entrance), **3011 AA Rotterdam, Netherlands**.

Click here for travel and location FAQs.

CogSci 2024 registration will take place at the Convention Centre WTC in the Mercurius Hall. Main sessions will take place in the Rotterdam Hall with workshops, symposia, and oral talks taking place in the various meeting rooms on the same level.

FLOOR PLAN
Ground Floor
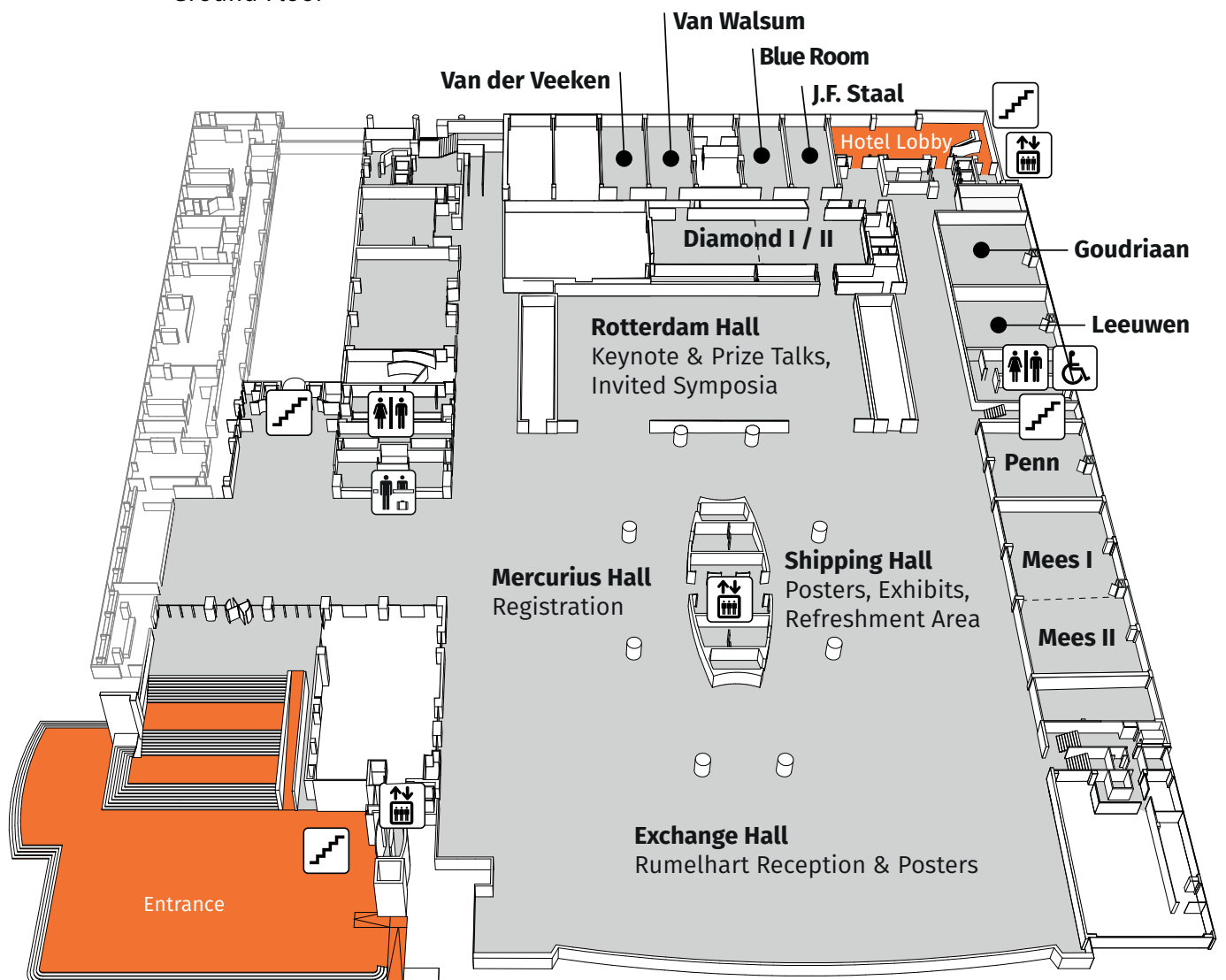
REGISTRATION

If you registered online, Pre-Registered Delegate Check-In is located in the Mercurius Hall at the Convention Centre WTC.

If you need to register now, you can complete *Onsite Registration* or go to the Registration Desk located in the Mercurius Hall of the Convention Centre WTC.

Delegates who have registered and paid in advance will receive an email from Underline, the virtual platform provider with the direct link to enter the platform. Delegates can also access the Underline site via the CogSci 2024 website once the link has been posted.

REGISTRATION HOURS

Wednesday, July 24   07:30 – 19:00

Thursday, July 25   07:30 – 19:00

Friday, July 26   07:30 – 19:00

Saturday, July 27   08:00 – 17:00

CODE OF CONDUCT

By entering the virtual platform and participating in CogSci 2024 you are agreeing to the CogSci 2024 Code of Conduct. To read the code of conduct, please *click here*

TECHNICAL HELP DURING THE VIRTUAL CONFERENCE

If you encounter any technical issues with the program app, please contact the provider directly, by either visiting the 'Help Desk' while online, or emailing *cogsci2024@underline.io*.

LOST AND FOUND

Lost and Found is located at Registration. The Cognitive Science Society is not responsible for any missing or stolen personal items.

IN CASE OF EMERGENCY

The emergency number in Rotterdam is 112.

Venue Security is located on the ground floor near the main entrance. If you already called 112, please notify Security immediately.

COAT CHECK

The coatcheck is located on the ground floor of the Convention Centre WTC. There is no charge for checking your coat or bag – please keep your ticket to retrieve your items. Please take note of the coatcheck hours when you check your belongings. Items left behind maybe picked up the next day. Coatcheck will close at the same time registration desk closes.

PARENTING ROOM

The Parenting Room is located in the Blue Room on the main floor of the WTC – near the Diamond rooms

The room will be available during the hours noted below:

Thursday, July 25   08:00 – 18:00
Friday, July 26   08:00 – 18:00
Saturday, July 27   08:00 – 17:00

COFFEE BREAKS & LUNCH

Coffee, tea, and water will be available in the Shipping Hall area from **08:00 – 16:00 Thursday – Saturday** for all attendees. Light food/snacks will be available for purchase.

Lunch is on your own each day of the conference (Thursday-Saturday)

Various **dynamic food and drink options** are only a short walk away including:

Little V Rotterdam

Bambu

Vegan Junk Food Bar

Soju Bar

1nul8

Café in the City

Super Mercado

Click here for more dining options

ON-DEMAND PROGRAM ACCESS AFTER THE CONFERENCE

Selected components of CogSci 2024 will be recorded and made available in late August via the Underline platform. Attendees and members will be notified by email when these recordings are available. You will gain access via the email address used for your registration to the 2024 CogSci conference and will be available until July 2026.

CONFERENCE INTERNET ACCESS

Network: **COGSCI**
Password: **COGSCI2024!**

COGSCI2024
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AFFINITY AND DISCUSSION GROUPS

CogSci 2024 is pleased to announce a series of Affinity and Discussion Group sessions, which are scheduled to take place during the conference. These sessions are free to attend for all CogSci 2024 delegates, but you must pre-register. Please view the website for further information of the scheduled sessions.

WEDNESDAY, JULY 24 17:30 – 18:30

AI and cognition: Transformative tool or disruptive force?

Can robots dream?

Asia-pacific cognitive science group

THURSDAY, JULY 25 12:15 – 13:15

Open encyclopedia of cognitive science

FRIDAY, JULY 26 12:15 – 13:15

Getting funding to do cognitive science and education research

PRESENTATION INSTRUCTIONS

ORAL PRESENTATIONS:

Each standard oral presentation is allocated 20 minutes, which is to include a closing period for addressing questions from attendees. A recommended partitioning of this time is 15 minutes of presentation followed by 5 minutes of questions (and for transition). Each room is equipped with a video projector with HDMI input, as well as a microphone. The projectors support 16:9 aspect ratio (widescreen format). Presenters must provide their own laptops. Tech support will be roving in the general area to assist if necessary.

Presentations that are part of workshop or symposia sessions may use different schedules. Please contact the organizer of the given workshop or symposia for information about the correct amount of presentation time.

SESSION CHAIRS:

Each room will have signs that the chair can use to signal to the speaker how much time is left. Assigned session chairs will quickly announce each speaker in the order listed and strictly monitor the time of each talk.

POSTER PRESENTATIONS:

In-person Posters will be presented on poster boards during three poster sessions in the Shipping & Exchange Halls in the WTC. Presenters may locate their poster boards by checking the middle number of their poster number.

Poster numbers are PX-X-XX. The first number after P, identifies the poster session you're assigned to. The letter indicates the theme category. The number following the letter is the location of the poster in the hall.

Poster boards and pushpins will be provided. The recommended poster size is 46"h x 33"w (A0: 1189mm x 841mm). **Posters must be in a portrait orientation**. Presenters must remove their posters at the end of the poster session (please leave the pushpins for the next presenter).

*Any posters not removed will be discarded by show management

POSTER SESSION TIMES

POSTER SESSION 1 - THURSDAY, JULY 25

Set Up:	08:00 – 10:30
Session Time:	13:00 – 14:15
Tear Down:	14:15 – 16:00

POSTER SESSION 2 - FRIDAY, JULY 26

Set Up:	08:00 – 10:30
Session Time:	13:00 – 14:15
Tear Down:	14:15 – 16:00

POSTER SESSION 3 - SATURDAY, JULY 27

Set Up:	08:00 – 10:30
Session Time:	13:00 – 15:00
Tear Down:	15:00 – 17:00

Virtual Posters/Flashtalk will be presented on-line only via the Underline platform. Attendees will be able to comment and ask questions about your work/research asynchronously throughout the conference. You can leave a message in your poster area chat space to advise times (and time zone) that you will be available. To engage with on-site attendees, it is recommended to align with times prior to and after the Rotterdam schedule.

OPEN ENCYCLOPEDIA OF Cognitive Science

First Articles Live Now

oecs.mit.edu

Editors-in-Chief
Michael C. Frank, Stanford University
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The **Open Encyclopedia of Cognitive Science** (OECS) is organized around a set of basic principles that distinguishes it from other reference works:

Open. OECS offers short, approachable, free articles that provide interdisciplinary context and definition for the major component topics and debates of cognitive science.

Accessible. OECS introduces key aspects of any given topic in a form that is readable by a college student, not just by a scholar who is already familiar with the content.

Authoritative and Scholarly. OECS articles are written by leading scholars in a particular field and peer-reviewed for accuracy and balance. They are fully-referenced, citable articles with permanent, versioned links and digital object identifiers (DOIs). Each article also includes a short, annotated bibliography with key readings.

Broad but Focused. Because cognitive science touches so many different disciplinary areas, providing full coverage of core concepts in each would be an unfathomable task. The goal of OECS is to feature articles on those questions, concepts, phenomena, and methods that have been a key focus of interdisciplinary interest, especially those topics for which no similar reference exists.

Fundamentally Interdisciplinary. OECS aims to emphasize the permeability of disciplinary boundaries. Articles are designed to give a multidisciplinary perspective and to situate specialist debates in a broader context, making connections to real-world issues where appropriate.

We would like to hear from you with your suggestions:
Would you like to see a particular topic to include in OECS?
Do you know authors who should be writing for OECS?

Contact Philip Laughlin, Senior Acquisitions Editor, Cognitive Science, the MIT Press at **laughlin@mit.edu**. Or use the form here: **tinyurl.com/oecs-form**

Sign up to receive the OECS Newsletter for contents alerts.

The OECS is an open access resource published by the MIT Press. Inaugural funding provided by the James S. McDonnell Foundation with additional support from the Allen Institute for AI.

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CogSci Keynote Speakers

MORGAN BARENSE *University of Toronto, Canada*

Enhancing real-world event memory

THURSDAY, JULY 25 09:00 - 10:00
ROTTERDAM HALL / DIAMOND

The act of remembering an everyday experience influences how we interpret the world, how we think about the future, and how we perceive ourselves. It also enhances long-term retention of the recalled content, increasing the likelihood that it will be recalled again. Unfortunately, the ability to recollect event-specific details tends to decline with age, resulting in an impoverished ability to mentally re-experience the past. This shift has been linked to a corresponding decline in the distinctiveness of hippocampal memory representations. Despite these well-established changes, there are few effective cognitive behavioral interventions that target real-world episodic memory. We addressed this gap by developing a smartphone-based application called HippoCamera that allows participants to record labelled videos of everyday events and subsequently replay standardized, high-fidelity autobiographical memory cues. In two experiments with older adults, we found that using HippoCamera to repeatedly reactivate memories for real-world events improved episodic recollection and it evoked more positive autobiographical sentiment at the time of retrieval. Moreover, more detailed recollection was associated with more differentiated memory signals in the hippocampus. In a third experiment, conducted during the COVID lockdowns of 2020, we used HippoCamera to characterize the relationship between impoverished experiential diversity with memory, mood, and the perception of time. We found that unique events were not only recalled in richer episodic detail, but that increased uniqueness was associated with greater positive affect, decreased boredom, and the perception of time passing faster for the entire day. These findings highlight the intimate connection between memory for the events of our lives and our well-being overall. Finally, in addition to describing our HippoCamera intervention, I will also present research investigating which features of distinct real-world memories should be emphasized to maximize their perceived similarity.

ANDREA MARTIN *Max Planck Institute for Psycholinguistics, The Netherlands*

Neural dynamics encode the structure and statistics of language

FRIDAY, JULY 26 17:45 – 18:45
ROTTERDAM HALL / DIAMOND

Human language is an example of a natural system that can be described by both statistical (e.g., surprisal) and structured (e.g., phonology, syntax) information. I focus on a foundational question at the heart of this issue – how can linguistic structure be encoded in a neural system that is often driven by statistics? I reconcile cognitive neuroimaging data with computational simulations to outline a theory of language representation and processing in the brain that integrates basic insights from linguistics and psycholinguistics with the currency of neural computation, population rhythmic activity.

GREGOR SCHÖNER *Ruhr-University Bochum, Germany*

How higher cognition emerges from the dynamics of strongly interacting neural populations

SATURDAY, JULY 27 09:00 – 10:00
ROTTERDAM HALL

Human thinking and acting is generated autonomously, not primarily in reaction to external stimuli. How the neural networks of the brain my autonomously drive the underlying cognitive and behavioral processes is not well understood. Dynamic Field Theory postulates that stable activation patterns emerge from the dynamics of neural populations dominated by internal recurrent connectivity (interaction). The instantiation of stable states and their subsequent destruction in dynamic instabilities leads to the sequences of processing steps on which all thinking and acting is based. We show how cognitive operations can be flexibly employed through binding and coordinate transforms. We outline and demonstrate neural dynamic architectures that visually search for objects to perceptually ground descriptive and enact imperative nested phrases. We illustrate how these architectures may build mental maps that support reasoning and perform analogical structure-mapping.

CogSci Awards

THE DAVID E. RUMELHART PRIZE

The David E. Rumelhart Prize is awarded annually to an individual or collaborative team making a significant contemporary contribution to the theoretical foundations of human cognition. Contributions may be formal in nature: mathematical modeling of human cognitive processes, formal analysis of language and other products of human cognitive activity, and computational analyses of human cognition using symbolic or non-symbolic frameworks all fall within the scope of the award.

The David E. Rumelhart Prize is funded by the Robert J. Glushko and Pamela Samuelson Foundation. Robert J. Glushko received a Ph.D. in Cognitive Psychology from the University of California, San Diego in 1979 under Rumelhart's supervision. He is an Adjunct Full Professor in the Cognitive Science Program at the University of California, Berkeley.

The prize consists of a hand-crafted, custom bronze medal, a certificate, a citation of the awardee's contribution, and a monetary award of $100,000.

THE 2024 RUMELHART PRIZE HAS BEEN AWARDED TO

ALISON GOPNIK, *Distinguished Professor of Psychology, Affiliate Professor of Philosophy, and Berkeley Artificial Intelligence Research Group, Department of Psychology, University of California, Berkeley*

Alison Gopnik is a professor of psychology and affiliate professor of philosophy at the University of California, Berkeley. She is known for her work in the areas of cognitive and language development, specializing in the effect of language on thought, the development of a theory of mind, and causal learning. Her writing on psychology and cognitive science has appeared in Science, Scientific American, The Times Literary Supplement, The New York Review of Books, The New York Times, New Scientist, Slate and others. Her body of work also includes four books and over 100 journal articles.

Gopnik received a B.A., majoring in psychology and philosophy, from McGill University in 1975. In 1980, she received a D.Phil. in experimental psychology from Oxford University. She worked at the University of Toronto before joining the faculty at UC Berkeley in 1988.

Alison Gopnik has had an enormous impact across the cognitive sciences. Beyond her notable contributions within psychology, she has published within philosophy and linguistics, her work has had an impact in education, she is gaining recognition in animal behavior and anthropology, and she has informed artificial intelligence. Her contributions are not only deep but broad, showcasing how the disciplines of cognitive science can work together to give us a more complete picture of intelligence and the mind.

RUMELHART PRIZE PRESENTATION

Explore, exploit, empower: Three ages and three intelligences

with **Alison Gopnik**

Thursday, July 25, 16:00 – 17:30, *Rotterdam Hall/Diamond II*

Abstract: Allison describes three different kinds of cognitive capacities that trade-off against each other, and suggests that they have a distinctive developmental profile. Exploitation, the pursuit of goals, resources and utilities, is characteristic of adult cognition. She will argue however, that two very different kinds of cognition characterize childhood and elderhood. Childhood is characterized by epistemically motivated exploration. In particular, children seek out information about the causal structure of the world. This exploration can be understood computationally as the pursuit of an intrinsic reward called "empowerment" in reinforcement learning. However, forgoing reward for exploration requires support and nurturance from others - it requires care and teaching. Care is particularly characteristic of elders. The intelligence of care has a distinctive structure. It can be best understood as helping currently less capable others to become empowered. The combination of these different kinds of intelligence explains human success.

THE RUMELHART PRIZE RECEPTION AND ANNOUNCEMENT

The Rumelhart Prize Reception and Announcement of the 25th Rumelhart Prize Recipient follows the Prize Presentation on **Thursday, July 25 from 17:00 - 18:30** at the Exchange Hall at the Postillion Convention Centre Rotterdam. The Rumelhart Reception is sponsored by the **Robert J. Glushko and Pamela Samuelson Foundation**.

RUMELHART SYMPOSIUM

Friday, July 26, 10:30 – 12:00, *in the Rotterdam Hall*

In honor of Alison Gopnik, this year's Rumelhart Award recipient, research related to her work will be presented in this special symposium.

Childhood as exploration

Symposium Chair **Tamar Kushnir**, *Duke University*

Presenters **Caren Walker**, *UCSD*
Tom Griffiths, *Princeton University*
Willem Frankenhuis, *University of Amsterdam*
Laura Schulz, *MIT*

THE C.L. DE CARVALHO-HEINEKEN PRIZE FOR COGNITIVE SCIENCE

This prize honours pioneering work and research excellence in cognitive science Charlene de Carvalho-Heineken established the prize in 2006 in memory of her father Alfred Heineken, who was fascinated by the workings of the human brain. Cognitive science is still a young field of research. But a wealth of experience has been built up over the past half century on our ability to think, talk, learn, decide, and perceive. With this prize, awarded every two years, Charlene de Carvalho-Heineken wants to honour researchers worldwide who have made groundbreaking discoveries within the field.

THE HEINEKEN PRIZE HAS BEEN AWARDED TO

KIA NOBRE, *University of Oxford*

Kia Nobre is a distinguished cognitive neuroscientist and Director of the Center for Neurocognition and Behavior at the Wu Tsai Institute, Yale University. Her groundbreaking research explores how the brain dynamically prioritizes information from the sensory stream and from memories to shape psychological experience and guide behavior. Originating from Rio de Janeiro, Nobre earned her PhD at Yale in 1993 and completed postdoctoral research at Harvard Medical School. Before joining Yale in 2023, she held significant roles at the University of Oxford, including Chair of Translational Cognitive Neuroscience and Director of the Oxford Centre for Human Brain Activity. Nobre's research, mentorship, and leadership contributions have earned her fellowships in prestigious international societies and numerous accolades, including the C.L. de Carvalho-Heineken Award for Cognitive Science in 2022.

Heineken Prize Keynote Address by **Kia Nobre**

Focusing in memory

Friday, July 26, 2024, 09:00 – 10:00 *in the Rotterdam Hall*

Abstract: Memories are about the past but serve the future by guiding adaptive behaviour based on current context and goals. In the last twenty years, researchers have turned the arrow of attention inside out to investigate how the brain selects and prioritizes relevant contents from within memory representations to prepare for upcoming events. The talk will highlight resulting discoveries revealing the highly proactive, flexible, dynamic, and future-facing mechanisms for focusing in memory.

THE JEFFREY L. ELMAN PRIZE
FOR SCIENTIFIC ACHIEVEMENT AND COMMUNITY BUILDING

IIn recognition of Jeffrey L. Elman's many contributions to the field of cognitive science, the Cognitive Science Society in partnership with the University of California, San Diego awards a prize at the Cognitive Science Society annual meeting to mid-career cognitive scientists (individuals or teams) whose careers exemplify the twin strands of scientific excellence and commitment to community-building and service that were so evident in his career. Jeffrey Elman made major contributions to the theoretical foundations of human cognition, most notably in the areas of language and development. His work continues to have an immense impact across fields as diverse as cognitive science, psycholinguistics, developmental psychology, evolutionary theory, computer science and linguistics. In addition to his important intellectual contributions, he also was an inspiring scientific citizen who is remembered for his generosity and mentorship.

THE 2024 ELMAN PRIZE HAS BEEN AWARDED TO

ASIFA MAJID, *University of Oxford*

Asifa Majid received her M.A. in Psychology at the University of Glasgow, M.Sc. in Cognitive Science and Natural Language at the University of Edinburgh, and Ph.D. in Psychology at the University of Glasgow. Asifa has been a researcher at the Max Planck Institute for Psycholinguistics in Nijmegen, Center for Language Studies at Radboud University, Department of Psychology at the University of York, and Radcliffe Institute for Advanced Study, Harvard University. She is currently Professor of Cognitive Science at the University of Oxford and a Tutorial Fellow of St Hugh's College, Oxford.

ELMAN SYMPOSIUM

Friday, July 26, 2024, 14:15 –15:45 *in the Rotterdam Hall*

Symposium chairs: **Laura Speed**, *Radboud University*
Ewelina Wnuk, University of Warsaw

Presenters: **Carolyn O'Meara**, *National Autonomous University of Mexico*
Artin Arshamian, *Karolinska Institute*
Laura Speed, *Radboud University*
Ewelina Wnuk, *University of Warsaw*

THE LILA R. GLEITMAN PRIZE FOR
EARLY-CAREER CONTRIBUTIONS TO COGNITIVE SCIENCE

In recognition of Lila R. Gleitman's foundational role in the field of cognitive science, the Cognitive Science Society in partnership with the Society for Language Development (which Gleitman founded and led for many years), awards a prize at the Cognitive Science Society annual meeting to an early-career woman in cognitive science whose outstanding research and scholarly promise best represent the intellectual depth, ingenuity and significance of the work carried out by Lila R. Gleitman throughout her long scientific career.

In a career that spanned six decades, Gleitman made numerous foundational discoveries in the study of language and cognition. She is particularly known for her research on how children acquire language, how language and thought are related, and the role of syntax in shaping the direction of word learning. Gleitman was a legendary mentor who trained a long and distinguished list of psycholinguists, many of whom went on to become central figures in the field. In 1991, Gleitman co-founded the famous Institute for Research in Cognitive Science at Penn, which she co-directed until 2001. Under her leadership, the Institute became a model for promoting interactions between psychology, linguistics, computer science, philosophy, neuroscience and other branches of inquiry that contribute to the computational study of the mind.

THE 2024 GLEITMAN PRIZE HAS BEEN AWARDED TO

ISABELLE DAUTRICHE, *Centre de Recherche en Psychologie et en Neurosciences (CNRS)*

Isabelle Dautriche is a Junior Researcher at the Centre de Recherche en Psychologie et en Neurosciences (CNRS) in Aix-Marselle University, France. She received her Ph.D. in Cognitive Sciences at the University Paris V, France, following a degree in Engineering (Mathematics and Modeling) at the National Institute of Applied Sciences, Toulouse, France.

GLEITMAN TALK

Thursday, July 25, 2024, 10:30 – 11:10 *in the Rotterdam Hall*

Language foundations: Insights from acquisition, communication, cognition and more

Speaker: **Isabelle Dautriche**

Human languages exhibit an incredible diversity, from the sounds they use to form words to the grammatical rules they follow. Despite this variation, languages share deep structural properties like compositionality and exhibit striking regularities, such as a preference for placing subjects before objects. How do children manage to quickly learn such diverse languages? Why do languages share certain properties while differing in others? Are some of these

properties deeply rooted in our cognition? In my talk, I will provide an overview on how I address these questions through experimental data from infants and animals, computational modeling, and corpus data. I will offer some evidence that infants are remarkably adept learners, that communication shapes language, and that several properties of language can be explained by non-linguistic cognition shared with other species.

THE ROBERT J. GLUSHKO DISSERTATION PRIZES

The Cognitive Science Society and the Robert J. Glushko and Pamela Samuelson Foundation award up to five outstanding dissertation prizes in cognitive science each year. The goals of these prizes are to increase the prominence of cognitive science and encourage students to engage in interdisciplinary efforts to understand minds and intelligent systems. The hope is that the prizes will recognize and honor young researchers conducting ground-breaking research in cognitive science. The eventual goal is to aid in efforts to bridge between the areas of cognitive science and create theories of general interest to the multiple fields concerned with scientifically understanding the nature of minds and intelligent systems. Promoting a unified cognitive science is consistent with the belief that understanding how minds work will require the synthesis of many different empirical methods, formal tools, and analytic theories. 2011 was the inaugural year of this prize, and a new competition is held annually.

The Glushko Dissertation Prize Symposium showcases these 2024 award winners on **Saturday, July 27 10:30 – 12:00** in the Rotterdam Hall

Symposium chair: **Todd Gureckis**

2024 WINNERS

Tianwei Gong – 2023 PhD Thesis "*Causal induction in time*" from *University of Edinburgh*

Matthias Grabenhorst – 2022 PhD Thesis "*The anticipation of events in time*" from *Radboud University Nijmegen*

Sean Dae Houlihan – 2022 PhD Thesis "*A computational framework for emotion understanding*" from *Massachusetts Institute of Technology*

Shailee Jain – 2023 PhD Thesis "*Investigating the neurobiology of language with artificial language systems*" from *The University of Texas at Austin*

Tom McCoy – 2022 PhD Thesis "*Implicit compositional structure in the vector representations of artificial neural networks*" from *Johns Hopkins University*

Dominika Radziun – 2023 PhD Thesis "*Body perception and brain plasticity in blind and sighted individuals*" from *Karolinska Institutet*

Hunter Schone – 2023 PhD Thesis "*Neurocognitive considerations for engineering bionic limbs*" from *University College London*

FELLOWS

Fellows of the Cognitive Science Society are individuals whose research has exhibited sustained excellence and had sustained impact on the Cognitive Science community. A Fellow's research is typically inter-disciplinary but may be disciplinary research with significant impact on Cognitive Science. Fellows often participate significantly in the Cognitive Science community but not necessarily. Fellows are recognized for their professional integrity. All other factors being equal, the Fellows election process attempts to balance diversity in gender, geographical region of the world, and intellectual area.

CONGRATULATIONS TO THE NEW FELLOWS OF 2024
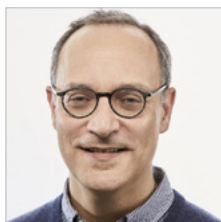
Matthew Botvinick,
Deepmind, University College London
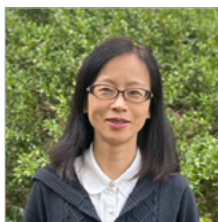
Hongjing Lu,
University of California, Los Angeles
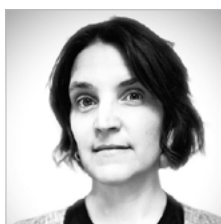
Sarah Brown-Schmidt,
Vanderbilt University

Bertram F. Malle,
Brown University

Yolanda Gil,
University of Southern California

Patrick Shafto,
Rutgers University
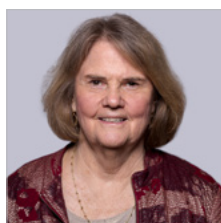
Diane Larsen-Freeman,
University of Michigan

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July 24-27 • Rotterdam

FEDERATION OF ASSOCIATIONS OF BEHAVIOURAL & BRAIN SCIENCES EARLY CAREER IMPACT AWARD (FABBS)

ELIKA BERGELSON, *Harvard University*

The Early Career Impact Award is presented to early career scientists of FABBS member societies who are within ten years of completing their PhD and recognizes scientists who have made major contributions to our sciences. The purpose of this award is to recognize scientists who have made major research contributions to the sciences of mind, brain, and behavior. The goal is to enhance public visibility of these sciences and the particular research through the dissemination efforts of FABBS in collaboration with the member societies and award winners. In 2023, the Cognitive Science Society nominee, Dr. Elika Bergelson, received this prestigious award.

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CONFERENCE AWARDS

MARR PRIZE

Sponsored by **The Cognitive Science Society**

The Marr Prize, named in honor of the late David Marr, will be given to the best student paper at the conference. All student first authors are eligible for the Marr Prize for the best student paper. Authors who graduated within the last 6 months and are no longer students are also eligible if the work being reported was conducted entirely while the first author was a student.

2024 WINNER

Amanda Royka, *Yale University*

Probing nonhuman primate errors on false belief tasks to explore the evolutionary roots of theory of mind

COMPUTATION MODELING PRIZES

Sponsored by **The Cognitive Science Society**

Four prizes will be awarded for the best full paper submissions that involve computational cognitive modeling. The four separate prizes will represent the best modeling work in the respective areas of: perception/action, language, higher-level cognition, and applied cognition. The prizes are open to researchers at any level (student, post-doctoral fellow, research scientist, faculty) from any nationality. Any form of computational cognitive modeling relevant to cognitive science will be eligible, including (but not limited to) neural networks, symbolic models, Bayesian models, dynamic systems, or various hybrids.

2024 WINNERS

APPLIED COGNITION
Thomas Wilschut, *University of Groningen*
Modality matters: Evidence for the benefits of speech-based adaptive retrieval practice in learners with dyslexia

HIGHER-LEVEL COGNITION
Yun-Shiuan Chuang, *University of Wisconsin-Madison*
The delusional hedge algorithm as a model of human learning from diverse opinions

LANGUAGE
Maayan Keshev, *The Hebrew University of Jerusalem*
An information-theoretic account of availability effects in language production

PERCEPTION & ACTION
Oli Liu, *University of Edinburgh*
A predictive learning model can simulate temporal dynamics and context effects found in neural representations of continuous speech

SAYAN GUL AWARD

In honor of Sayan Gul

Sayan Gul was an undergraduate at UC Berkeley studying cognitive science and computer science, and had great potential as a cognitive scientist. He died tragically while traveling to the Annual Conference of the Cognitive Science Society for the presentation of his research. This award is intended to support similarly outstanding undergraduates conducting research in cognitive science.

2024 WINNER

Guangyuan Jiang, *MIT*
Finding structure in logographic writing with library learning

DIVERSITY & INCLUSION CONFERENCE AWARDS

Sponsored by **The Cognitive Science Society**

Up to ten prizes will be awarded to promote participation in the conference for graduate students who bring diversity to the society, in particular under-represented racial/ethnic groups and citizens of under-represented and economically disadvantaged countries who are presenting at the conference. Please note that under-represented countries are identified using the *World Bank list of developing nations* (Low Income, Low-Middle Income, or Upper-Middle Income). Countries considered High Income Economies are not eligible.

2022 WINNERS

Guangyuan Jiang, *MIT*

Wasita Mahaphanit, *Dartmouth College*

Carlos G. Correa, *Princeton University*

Christina Steele, *Harvard University*

Zeynep Genç, *University of Kent*

Calvin Deans-Browne, *UCL*

Chen Zhu, *Tsinghua University, China*

Bilge Tınaz, *Özyeğin University, Turkey*

Tsz-chung Ronald Chan, *University of Hong Kong*

Ankit Yadav, *National Brain Research Centre, India*

DIVERSITY & SOCIAL INEQUALITY AWARDS

Sponsored by **The Cognitive Science Society**

This prize recognizes the best work at our annual conference that tackles issues of diversity and social inequality. Eligible work can include studies of racism, sexism, and other forms of inequality, or more generally tackle the issue of psychological and behavioral diversity in cognitive science. The prize is open to researchers at any level (student, post-doctoral fellow, research scientist, faculty) from any nationality.

2024 WINNER

Aarthi Popat, *Yale University*
The hair club for boys: How children and adults judge disparate impact rules

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DISCIPLINARY DIVERSITY & INTEGRATION AWARD IN COGNITIVE SCIENCE
Sponsored by **The Cognitive Science Society**

This conference prize recognizes the best cognitive science research in disciplines that have been traditionally under-represented at our annual conferences and journals. Eligible submissions include novel interdisciplinary perspectives and integrative approaches to understanding the human mind. The prize is open to researchers at any level (student to faculty) and will be awarded to full papers and/or organized symposia.

2024 PAPER WINNERS

Ahyeon Choi, *Seoul National University*
The effects of musical factors on the perception of auditory illusions

Neele Engelmann, *University of Granada*
Understanding rule enforcement using drift diffusion models

Aida Ramezani, *University of Toronto*
Moral association graph: A cognitive model for moral inference

2024 SYMPOSIA WINNER

Cédric Colas, *MIT,* **Gaia Molinaro** *and* **Junyi Chu**
What should I do now? Goal-centric outlooks on learning, exploration, and communication

STUDENT TRAVEL GRANTS
Sponsored by **the Robert J. Glushko and Pamela Samuelson Fund**

Up to $10,000 (USD) will be awarded to undergraduate and graduate students for travel support to attend the Conference. Any student who is first author on a full-length paper to be presented at the conference is eligible. Awardees will be selected on the basis of need and submission quality, with an effort to achieve a broad representation among academic institutions.

2024 WINNERS

Yiming Lu, *UCI Sites*
Alvin Wei Ming Tan, *Stanford University*
Yuliya Zubak, *Wisconsin Institute for Discovery*
Leon Assaad, *Munich Center for Mathematical Philosophy*
Dhara Yu, *University of California, Berkeley*
Eric Martinez, *MIT*
Urvi Maheshwari, *University of California, San Diego*
Moufan Li, *New York University*
Aaron Chuey, *Stanford University*

CogSci 2024 DETAILED SCHEDULE

All times below are Central European Time (Rotterdam time). *Please note:* **the program app will adjust the conference schedule to your specific time zone.**

WEDNESDAY, JULY 24, 2024

07:30 - 18:00
Mercurius Hall

REGISTRATION OPEN

08:00 - 12:00
Shipping Hall

MORNING COFFEE

08:30 - 17:00
Goudriaan

WORKSHOP 6:

Career paths beyond the tenure track for cognitive scientists

Vanessa Simmering: *Doctrina Consulting, LLC;* **Carissa L Shafto**: *Brightfield Strategies, LLC*

08:30 - 17:00
Diamond II

WORKSHOP 1:

In-context learning in natural and artificial intelligence

Akshay Kumar Jagadish & Marcel Binz: *Helmholtz Munich;* **Ishita Dasgupta**: *Google DeepMind;* **Jacques Pesnot Lerousseau**: *Institut for Communication, Language and the Brain*

08:30 - 17:00
Leeuwen

WORKSHOP 2:

Coggraph: Building bridges between cognitive science and computer graphics

Kartik Chandra, Anne H K Harrington, & Katherine M Collins: *MIT;* **Christopher Kymn**: *UC Berkeley;* **Kushin Mukherjee**: *University of Wisconsin-Madison;* **Sean P Anderson & Judith E. Fan**: *Stanford University;* **Arnav Verma**: *University of Toronto*

08:30 - 17:00
Mees

WORKSHOP 3:

Compositionality in minds, brains and machines: A unifying goal that cuts across cognitive sciences

Barbara Pomiechowska: *University of Birmingham;* **Rachel Dudley**: *Central European University;* **Lionel Wong**: *Massachusetts Institute of Technology;* **Mathias Sablé-Meyer**: *University College London*

08:30 - 17:00
Diamond I

WORKSHOP 5:

Improving concepts in cognitive science

Marina Dubova: *Indiana University Bloomington;* **Lisa Feldman Barrett**: *Northeastern University;* **Robert Goldstone**: *Indiana University;* **Sebastian Musslick**: *University of Osnabrück;* **Russell Poldrack**: *Stanford University*

10:00 - 10:30
Shipping Hall

REFRESHMENT BREAK

12:00 - 13:00
On own

LUNCH ON OWN

13:00 - 17:00
Goudriaan

WORKSHOP 4:

Rapprochement, not detente: How cognitive science and industry can get back to getting along, and make each other better along the way

David Landy: *Netflix;* **Robert Glushko**: *University of California, Berkeley*

13:00 - 17:00
Penn Room

WORKSHOP 7:

Using psychometrics to improve cognitive models–and theory

Alvin Wei Ming Tan, George Kachergis and **Michael C. Frank**: *Stanford University*

14:30 - 15:00
Shipping Hall

REFRESHMENT BREAK

17:30 - 18:30
Mees

DISCUSSION GROUP SESSION:

AI and cognition: Transformative tool or disruptive force?

Natalia Postnova & Evgenii Rudakov: *University of Helsinki*

17:30 - 18:30
Penn Room

DISCUSSION GROUP SESSION:

Can robots dream?

Grace Roessling & Adan Gomez: *Rensselaer Polytechnic Institute*

17:30 - 18:30
Leeuwen

AFFINITY GROUP SESSION:

Asia-Pacific Cognitive Science Group

Janet Hsiao: *Hong Kong University of Science and Technology;* **Antoni Chan**: *City University of Hong Kong;* **Byoung-kyong Min**: *Korea University;* **Seong Bae Lim**: *St. Mary's University;* **Junya Morita**: *Shizuoka University;* **Mutsumi Imai**: *Keio University;* **Charles Kemp**: *University of Melbourne*

THURSDAY, JULY 25, 2024

07:30 - 19:00
Mercurius Hall

REGISTRATION DESK OPEN

08:00 - 19:00
Shipping Hall

EXHIBITS OPEN

Coffee available in Poster Session

08:30 - 09:00
Rotterdam Hall

WELCOME FROM CSS PRESIDENT & PROGRAM CHAIRS

09:00 - 10:00
Rotterdam Hall

KEYNOTE

Enhancing real-world event memory

Morgan Barense: *University of Toronto, Canada*

10:00 - 10:30
Shipping Hall

REFRESHMENT BREAK

10:30 - 11:20
Rotterdam Hall

GLEITMAN TALK:

Language foundations: Insights from acquisition, communication, cognition and More

Isabelle Dautriche: *Centre de Recherche en Psychologie et en Neurosciences (CNRS)*

11:20 - 12:00
Rotterdam Hall

T.01: *Decision Making 1*

T.01.03 *Work Smarter… Not Harder: Efficient Minimization of Dependency Length in SOV Languages*

Presenting Author: **Sidharth Ranjan**

Sidharth Ranjan: *University of Stuttgart*; **Titus von der Malsburg**: *University of Stuttgart*

T.01.04 *Dynamic Predictive Coding Explains Both Prediction and Postdiction in Visual Motion Perception*

Presenting Author: **Antonia Krefeld-Schwalb**

Antonia Krefeld-Schwalb: *Erasmus University Rotterdam*; **Prof. Eric J. Johnson,**: *Columbia University*; **Eli Rosen Sugerman**: *Columbia University*

10:30 - 12:00
Diamond I

SYMPOSIUM 1

S.01: *Is Deep Learning the Answer for Understanding Human Cognitive Dynamics?*

Brenden Lake: *NYU*; **Raul Grieben**: *Ruhr-Universität Bochum*; **Mariya Toneva**: *Max Planck Institute for Software Systems*; **Gina Kuperberg**: *Tufts University*

10:30 - 12:00
Diamond II

SYMPOSIUM 2

S.02: *Who is responsible for collective action?*

Lionel Wong: *Massachusetts Institute of Technology*; **Casey Lewry**: *Princeton University*; **Sofia Bonicalzi**: *Roma Tre University*; **Tobias Gerstenberg**: *Stanford University*

10:30 - 12:00
Penn

T.02: *Social Cognition 1*

T.02.01: *A Rational Model of Vigilance in Motivated Communication*

Presenting Author: **Kerem Oktar**

Kerem Oktar: *Princeton University*; **Ted Sumers**: *Princeton University*; **Tom Griffiths**: *Princeton University*

T.02.02: *Cooperative Explanation as Rational Communication*

Presenting Author: **Kartik Chandra**

Kartik Chandra: *MIT*; **Tony Chen**: *MIT*; **Tzu-Mao Li**: *UCSD*; **Jonathan Ragan-Kelley**: *MIT*; **Josh Tenenbaum**: *MIT*

T.02.03: *Reasoning about knowledge in lie production*

Presenting Author: **Marlene Berke**

Zhi Yi Tan: *Yale NUS College*; **Julian Jara-Ettinger**: *Yale University*; **Marlene Berke**: *Yale University*

T.02.04: *Value Internalization: Learning and Generalizing from*

Presenting Author: **Max Kleiman-Weiner**

Frieda Rong: *Stanford University*; **Max Kleiman-Weiner**: *University of Washington*

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10:30 - 12:00
Goudriaan

T.03: *Cognitive Development 1*

T.03.01: *Readily grasping 'who' and 'whom': child-directed speech facilitates semantic role learning*

Presenting Author: **Kartik Chandra**

Eva Huber: *University of Zurich;* **Sabine Stoll**: *University of Zurich;* **Balthasar Bickel**: *University of Zurich;*

T.03.02: *Fifteen-month-olds accept arbitrary shapes as symbols of familiar kind tokens*

Presenting Author: **Barbu Revencu**

Barbu Revencu: *Central European University;* **Barbara Pomiechowska**: *University of Birmingham;* **Gabor Brody**: *Brown University;* **Gergely Csibra**: *Central European University*

T.03.03: *Challenging the control-of-variables strategy: How confounded comparisons can support children's science learning*

Presenting Author: **Elizabeth Bonawitz:** *Harvard University*

Lucas Lörch: *DIPF Leibniz Institute for Research and Information in Education;* **Elizabeth Bonawitz**: *Harvard;* **Garvin Brod**: *DIPF Leibniz Institute for Research and Information in Education*

T.03.04: *Emergence of certainty representations for guiding concept learning*

Presenting Author: **Huiwen Alex Yang**

Huiwen Alex Yang: *University of California, Berkeley;* **Louis Marti**: *UC Berkeley;* **Carolyn Baer**: *University of British Columbia;* **Aaraam Granera**: *University of California, Berkeley;* **Holly Palmeri**: *University of California, Berkeley;* **Celeste Kidd**: *University of California, Berkeley*

10:30 - 12:00
Leeuwen

T.04: *Decision Making 2*

T.04.01: *Predicting NCAA Men's Basketball Rankings: How Context Effects Shape Beliefs*

Presenting Author: **Jun Fang**

Jun Fang: *Indiana University;* **Xiaohong Cai**: *Indiana University;* **James Adaryukov**: *Indiana University;* **Tim Pleskac**: *Indiana University*

T.04.02: *Anxiety symptoms of major depression associated with increased willingness to exert cognitive, but not physical effort*

Presenting Author: **Temitope Oshinowo**

Laura A. Bustamante: *Washington University in St. Louis;* **Deanna Barch**: *Washington University in St. Louis;* **Johanne Solis**: *Rutgers University;* **Temitope Oshinowo**: *Princeton University;* **Ivan Grahek**: *Brown University;* **Anna B Konova**: *Rutgers University;* **Nathaniel Daw**: *Princeton University;* **Jonathan Cohen**: *Princeton University*

T.04.03: *Program-Based Strategy Induction for Reinforcement Learning*

Presenting Author: **Carlos G. Correa**

Carlos G. Correa: *Princeton University;* **Tom Griffiths**: *Princeton University;* **Nathaniel Daw**: *Princeton University*

T.04.04: *The Perils of Omitting Omissions when Modeling Evidence Accumulation*

Presenting Author: **Alexander Fengler:** *Brown University*

Xiamin Leng: *Brown University;* **Alexander Fengler**: *Brown University;* **Amitai Shenhav**: *Brown University;* **Michael J. Frank**: *Brown University*

10:30 - 12:00
Mees I

T.05: *Memory 1*

T.05.01: *Episodic memory supports the acquisition of structured task representations*

Presenting Author: **Qihong Lu**

Qihong Lu: *Columbia University*; **Ali Hummos**: *Massachusetts Institute of Technology*; **Kenneth Norman**: *Princeton University*

T.05.02: *Modeling the Contributions of Capacity and Control to Working Memory Development*

Presenting Author: **Evan Russek**

Evan Russek: *Princeton University*; **Cameron Rouse Turner**: *Princeton University*; **Emma McEwen**: *University of St Andrews*; **Andreea Miruna Miscov**: *University of St Andrews*; **Amanda Seed**: *University of St Andrews*; **Tom Griffiths**: *Princeton University*

T.05.03: *An Agent-Based Model of Foraging in Semantic Memory*

Presenting Author: **Diego Morales Bader**

Diego Morales: *Adolfo Ibañez University*; **Enrique Canessa**: *Adolfo Ibañez University*; **Sergio E. Chaigneau**: *Adolfo Ibanez University*

T.05.04: *A neural network model trained on free recall learns the method of loci*

Presenting Author: **Moufan Li**

Moufan Li: *New York University*; **Kristopher T. Jensen**: *University College London*; **Marcelo G Mattar**: *New York University*

10:30 - 12:00
Mees II

T.06: *Language Comprehension 1*

T.06.01: *"Must" people reason logically with "permission" in daily situations? An explorative experimental investigation in human reasoning of normative concepts.*

Presenting Author: **Wai Wong**

Wai Wong: *KU Leuven*; **Meimei Yang**: *KU Leuven*; **Walter Schaeken**: *KU Leuven*; **Lorenz Demey**: *KU Leuven*; **Joost Vennekens**: *KU Leuven*

T.06.02: *The effect of meaning-related cues on pronoun resolution in Dutch*

Presenting Author: **Jet Hoek**

Jet Hoek: *Radboud University*; **Hans Wilke**: *University of Groningen*

T.06.03: *The rationality of inferring causation from correlational language*

Presenting Author: **Daniel Lassiter**

Daniel Lassiter: *University of Edinburgh*; **Michael Franke**: *University of Tübingen*

T.06.04: *Abstract Sentences elicit more Uncertainty and Curiosity than Concrete Sentences*

Presenting Author: **Claudia Mazzuca**

Claudia Mazzuca: *Sapienza University of Rome*; **Caterina Villani**: *University of Bologna*; **Tommaso Lamarra**: *University of Bologna*; **Marianna M Bolognesi**: *Modern Languages Dep*; **Anna Borghi**: *Sapienza University of Rome*

10:30 - 12:00
J.F. Staal

T.07: *Computational Modeling 1*

T.07.01: *CORE: Mitigating Catastrophic Forgetting in Continual Learning through Cognitive Replay*

Presenting Author: **Jianshu Zhang**

Jianshu Zhang: *School of Cyber Science and Engineering*; **Yankai Fu**: *School of Cyber Science and Engineering*; **Ziheng Peng**: *School of Cyber Science and Engineering*; **Dongyu Yao**: *Wuhan University*; **Kun He**: *Wuhan University*

T.07.02: *Human Curriculum Effects Emerge with In-Context Learning in Neural Networks*

Presenting Author: **Jacob Russin**

Jacob Russin: *Brown*; **Ellie Pavlick**: *Brown University*; **Michael J. Frank**: *Brown University*

T.07.03: *Memory Retrieval Processes during Real-Time Language Comprehension: Empirical Evidence and Computational Modelling*

Presenting Author: **Hiroki Fujita**
Hiroki Fujita: *University of Potsdam*

T.07.04: *Finding structure in logographic writing with library learning*

Presenting Author: **Guangyuan Jiang**

Guangyuan Jiang: *Massachusetts Institute of Technology*; **Matthias Hofer**: *MIT*; **Jiayuan Mao**: *Massachusetts Institute of Technology*; **Lionel Wong**: *Massachusetts Institute of Technology*; **Josh Tenenbaum**: *MIT*; **Roger Levy**: *Massachusetts Institute of Technology*

10:30 - 12:00
Van Walsum

T.08: *Event Processing 1*

T.08.01: *Event Segmentation in Language and Cognition*

Presenting Author: **Bilge Tınaz**

Bilge Tınaz: *Özyeğin University*; **Ercenur Ünal**: *Özyeğin University*

T.08.02: *Shades of Zero: Distinguishing impossibility from inconceivability*

Presenting Author: **Jennifer Hu**

Jennifer Hu: *Harvard University*; **Felix Anthony Sosa**: *Harvard University*; **Tomer D. Ullman**: *Harvard University*

T.08.03: *Do Cross-Linguistic Differences Influence Event Perception?*

Presenting Author: **Yue Ji**

Yue Ji: *Beijing Institute of Technology*; **Anna Papafragou**: *Unversity of Pennsylvania*

T.08.04: *Multimodal Description of Instrument Events in Turkish and English*

Presenting Author: **Christiana Moser**

Christiana Moser: *University of Toronto*; **Bahar Tarakçı**: *Özyeğin University*; **Ercenur Ünal**: *Özyeğin University*; **Myrto Grigoroglou**: *University of Toronto*

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10:30 - 12:00
Van der Veeken

T.09: *Artificial Intelligence 1*

T.09.01: *Procedural Dilemma Generation for Moral Reasoning in Humans and Language Models*

Presenting Author: **Tobias Gerstenberg (or Jan-Philipp Fränken)**

Jan-Philipp Fränken: *Stanford University*; **Kanishk Gandhi**: *Stanford University*; **Tori Qiu**: *Stanford University*; **Ayesha Khawaja**: *Stanford University*; **Noah Goodman**: *Stanford University*; **Tobias Gerstenberg**: *Stanford University*

T.09.02: *Moral association graph: A cognitive model for moral inference*

Presenting Author: **Aida Ramezani**

Aida Ramezani: *University of Toronto*; **Yang Xu**: *University of Toronto*

T.09.03: *Transformer Mechanisms Mimic Frontostriatal Gating Operations When Trained on Human Working Memory Tasks*

Presenting Author: **Aaron Traylor**

Aaron Traylor: *Brown University*; **Jack Merullo**: *Brown University*; **Michael J. Frank**: *Brown University*; **Ellie Pavlick**: *Brown University*

T.09.04: *Towards a computational model of responsibility judgments in sequential human-AI collaboration*

Presenting Author: **Stratis Tsirtsis**

Stratis Tsirtsis: *Max Planck Institute for Software Systems*; **Manuel Gomez Rodriguez**: *Max Planck Institute for Software Systems*; **Tobias Gerstenberg**: *Stanford University*

12:00 - 13:00

LUNCH ON OWN

12:15 - 13:15
Penn

AFFINITY GROUP MTG

Open encyclopedia of cognitive science

Philip Laughlin: *The MIT Press*; **Asifa Majid**: *Oxford University*; **Michael C. Frank**: *Stanford University*

13:00 - 14:15
Shipping & Exchange Hall

POSTER SESSION

Coffee available in Poster Session

14:15 - 15:45
Rotterdam Hall

INVITED SYMPOSIUM 1

Dynamics Between Minds & the Environment

Kenji Doya: *Okinawa Institute of Science and Technology Graduate University*; **Alex Clarke**:*University of Cambridge*; **Willem Frankenhuis**: *University of Amsterdam*

14:15 - 15:45
Diamond I

SYMPOSIUM 3

S.03: *Higher cognition in large language models*

Nicholas Ichien: *University of Pennsylvania*; **Sudeep Bhatia**: *University of Pennsylvania*; **Anna Ivanova**: *Georgia Institute of Technology*; **Taylor Webb**: *University of California, Los Angeles*; **Tom Griffiths**: *Princeton University* ; **Marcel Binz**: *Helmholtz Computational Health Center*

14:15 - 15:45
Goudriaan

T.10: *Embodied Cognition*

T.10.01: *What Predicts Adult Word Learning in Naturalistic Interactions? A Corpus Study*

Presenting Author: **Francesco Cabiddu**

Francesco Cabiddu: *University College London*; **Christopher Edwards**: *University College London*; **Harriet Hill-Payne**: *University College London*; **Ed Donnellan**: *University of Warwick*; **Yan Gu**: *University of Essex*; **Gabriella Vigliocco**: *University College London*

T.10.02: *Eye Movements are like Gestures in the Creation of Informal Algorithms*

Presenting Author: **Robert Mackiewicz**

Robert Mackiewicz: *SWPS University of Social Science and Humanities*; **Monica Bucciarelli**: *Università di Torino*; **Sangeet Khemlani**: *Naval Research Laboratory*; **Phil Johnson-Laird**: *Princeton University*

T.10.03: *Movement coordination as a measure of togetherness in improvised dance duets*

Presenting Author: **Julian Zubek**

Julian Zubek: *University of Warsaw*; **Klara Łucznik**: *University of Warsaw*

T.10.04: *Stepping back to see the connection: Movement during problem solving facilitates creative insight*

Presenting Author: **Tyler Marghetis**

Shadab Tabatabaeian: *University of California Merced*; **Alyssa Viviana Ortega**: *University of California, Merced*; **Artemisia O'bi**: *University of California, Merced*; **David Landy**: *Indiana University, Bloomington*; **Tyler Marghetis**: *University of California, Merced*

14:15 - 15:45
Penn

T.11: *Social Cognition 2*

T.11.01: *Find it like a dog: Using Gesture to Improve Object Search*

Presenting Author: **Madeline H. Pelgrim & Ivy Xiao He**

Madeline Helmer Pelgrim: *Brown University*; **Ivy Xiao He**: *Brown University*; **Kyle Lee**: *Brown University*; **Falak Pabari**: *brown university* ; **Stefanie Tellex**: *Brown University*; **Thao Nguyen**: *Brown University*; **Daphna Buchsbaum**: *Brown University*

T.11.02: *Infants Point to Satisfy the Epistemic Needs of Their Communicative Partner*

Presenting Author: **Tibor Tauzin**

Tibor Tauzin: *University of Vienna*; **Josep Call**: *University of St Andrews*; **Gyorgy Gergely**: *Central European University*

T.11.03: *Emblems and Improvised Gestures are Structured to Guide their Own Detection*

Presenting Author: **Amanda Royka**

Amanda L Royka: *Yale University*; **Gwyneth Heuser**: *Allendale Columbia School*; **Marieke Schouwstra**: *University of Amsterdam*; **Simon Kirby**: *The University of Edinburgh*; **Julian Jara-Ettinger**: *Yale University*

T.11.04: *When and why does shared reality generalize?*

Presenting Author: **Wasita Mahaphanit**

Wasita Mahaphanit: *Dartmouth College*; **Christopher Welker**: *Dartmouth College*; **Helen Schmidt**: *Temple University*; **Luke Chang**: *Dartmouth College*; **Robert Hawkins**: *University of Wisconsin-Madison*

14:15 - 15:45
Diamond II

T.12: *Language Acquisition 1*

T.12.01: *Dynamic Processes of Learning Words from Context*
Presenting Author: **Layla Unger**
Layla Unger: *University of York;* **Vladimir Sloutsky**: *The Ohio State University*

T.12.02: *Similarity in object properties supports cross-situational word learning: Predictions from a dynamic neural model confirmed*
Presenting Author: **Ajaz A Bhat**
Ajaz Ahmad Bhat: *University Brunei Darussalam;* **John Spencer**: *University of East Anglia;* **Larissa K Samuelson**: *University of East Anglia*

T.12.03: *Modeling cue re-weighting in dimension-based statistical learning*
Presenting Author: **Yiming Lu**
Yiming Lu: *University of California, Irvine;* **Xin Xie**: *University of California, Irvine*

T.12.04: *Structural Generalization of Modification in Adult Learners of Artificial Language*
Presenting Author: **Najoung Kim**
Najoung Kim: *Boston University;* **Paul Smolensky**: *Johns Hopkins University*

14:15 - 15:45
Leeuwen

T.13: *Concepts 1*

T.13.01: *Optimal compression in human concept learning*
Presenting Author: **Nathaniel Imel**
Nathaniel Imel: *University of California Irvine;* **Noga Zaslavsky**: *UCI*

T.13.02: *Predicting the Unexpected - Analysis and Modeling of the Denial of Expectation*
Presenting Author: **Marie Christin Walch**
Marie Christin Walch: *Leibniz Universität Hannover*

T.13.03: *Dissociating mental imagery and mental simulation: Evidence from aphantasia*
Presenting Author: **Laura J. Speed**
Laura J. Speed: *Radboud University;* **Ken McRae**: *University of Western Ontario*

T.13.04: *Object-Event Correspondences Across Languages*
Presenting Author: **Sarah Hye-yeon Lee**
Sarah Hye-yeon Lee: *University of Pennsylvania;* **Anna Papafragou**: *Unversity of Pennsylvania*

14:15 - 15:45
Mees I

T.14: *Cognitive Development 2*

T.14.01: *Preschoolers' Neophobia Influences Category-based Abilities Beyond the Food Domain*

Presenting Author: **Damien Foinant**

Damien Foinant: *Université de Bourgogne*; **Lafraire Jérémie**: *Institut Lyfe Research and Innovation Center*; **Jean-Pierre Thibaut**: *Université de Bourgogne*

T.14.02: *Innovating for the future: When do children begin to recognise and manufacture solutions to future problems?*

Presenting Author: **Zoe Ockerby**

Zoe Ockerby: *The University of Queensland*; **Thomas Suddendorf**: *University of Queensland*; **Jonathan Redshaw**: *University of Queensland*

T.14.03: *Reuse and Remixing in Question Asking Across Development*

Presenting Author: **Emily G. Liquin**

Emily G Liquin: *New York University*; **Marjorie Rhodes**: *New York University*; **Todd M Gureckis**: *New York University*

T.14.04: *Can Children Learn Functional Relations Through Active Information Sampling?*

Presenting Author: **Rebekah Gelpi**

Caiqin Zhou: *Brown University*; **Rebekah Gelpi**: *University of Toronto*; **Chris Lucas**: *University of Edinburgh*; **Daphna Buchsbaum**: *Brown University*

14:15 - 15:45
J.F. Staal

T.15: *Animal Cognition*

T.15.01: *Connecting the dots: a comparative and developmental analysis of spatiotemporal pattern learning*

Presenting Author: **Tracey Mills T**

racey Mills: *MIT*; **Nicole Coates**: *Massachusetts Institute of Technology*; **Alessandra A. Silva**: *University of Wisconsin-Madison*; **Stephen Ferrigno**: *University of Wisconsin-Madison*; **Laura Schulz**: *Massachusetts Institute of Technology*; **Josh Tenenbaum**: *MIT*; **Samuel J. Cheyette**: *MIT*

T.15.02: *Latent meaning representations in great-ape gestural communication*

Presenting Author: **Michael Franke**

Michael Franke: *University of Tübingen*; **Manuel Bohn**: *Max Planck Institute for Evolutionary Anthropology*; **Marlen Fröhlich**: *University of Tübingen*

T.15.03: *Guinea baboons (Papio papio) show an agent preference in chasing interactions*

Presenting Author: **Floor Meewis**

Floor Meewis: *CNRS / Aix-Marseille University*; **Joel Fagot**: *CNRS / Aix-Marseille University*; **Nicolas Claidiere**: *CNRS / Aix-Marseille University*; **Isabelle Dautriche**: *CNRS / Aix-Marseille University*

T.15.04: *Automated Recognition of Grooming Behavior in Wild Chimpanzees*

Presenting Author: **Yana van de Sande**

Yana van de Sande MSc.: *Radboud University*; **Wim Pouw**: *Radboud University Nijmegen*; **Lara M Southern**: *Osnabrück University*

14:15 - 15:45
Mees II

T.16: *Language Comprehension 2*

T.16.01: *Compositional Generalization in Distributional Models of Semantics: Transformer-based Language Models are Architecturally Advantaged*

Presenting Author: **Shufan Mao**

Shufan Mao: *University of Illinois at Urbana Champaign*; **Philip A Huebner**: *Pattern*; **Jon Willits**: *University of Illinois at Urbana-Champaign*

T.16.02: *Interindividual differences in predicting words versus sentence meaning: Explaining N400 amplitudes using large-scale neural network models*

Presenting Author: **Milena Rabovsky**

Milena Rabovsky: *University of Potsdam*; **Alessandro Lopopolo Lopopolo**: *University of Potsdam*; **Daniel J. Schad**: *HMU Health and Medical University Potsdam*

T.16.03: *Revisiting Joke Comprehension with Surprisal and Contextual Similarity: Implication from N400 and P600 Components*

Presenting Author: **Haoyin Xu**

Haoyin Xu: *University of California, San Diego*; **Masaki Nakanishi**: *1986*; **Seana Coulson**: *UC San Diego*

T.16.04: *On the limits of LLM surprisal as functional Explanation of ERPs*

Presenting Author: **Benedict Krieger**

Benedict Krieger: *Saarland University*; **Harm Brouwer**: *Tilburg University*; **Christoph Aurnhammer**: *Saarland University*; **Matthew W Crocker**: *Saarland University*

14:15 - 15:45
Van Walsum

T.17: *Perception 1*

T.17.01: *A predictive learning model can simulate temporal dynamics and context effects found in neural representations of continuous speech*

Presenting Author: **Oli Danyi Liu**

Oli Danyi Liu: *School of Informatics*; **Hao Tang**: *School of Informatics*; **Naomi H Feldman**: *University of Maryland*; **Sharon Goldwater**: *University of Edinburgh*

T.17.02: *Language Discrimination May Not Rely on Rhythm: A Computational Study*

Presenting Author: **Ruolan Leslie Famularo**

Ruolan Leslie Famularo: *University of Maryland*; **Ali Aboelata**: *University of Maryland*; **Thomas Schatz**: *Aix-Marseille Université*; **Naomi H Feldman**: *University of Maryland*

T.17.03: *The Effects of Musical Factors on the Perception of Auditory Illusions*

Presenting Author: **Ahyeon Choi**

Ahyeon Choi: *Seoul National University*; **Younyoung Bang**: *Seoul National University*; **Jeong Mi Park**: *Seoul National University*; **Kyogu Lee**: *Seoul National University*

T.17.04: *Listeners Optimally Integrate Acoustic and Semantic Cues Across Time During Spoken Word Recognition*

Presenting Author: **Wednesday Bushong**

Wednesday Bushong: *Wellesley College*; **Daniel LaMarche**: *University at Buffalo*; **Elayna A Espinal**: *University of Hartford*; **Zachary J. Longo**: *University of Hartford*

COGSCI2024
DYNAMICS OF
COGNITION
July 24-27 • Rotterdam

14:15 - 15:45
Van der Veeken

TR.18*: Reasoning*

TR.18.01*: Dynamics of Analogical Retrieval: Evaluating Spontaneous Access by Reversing the Traditional Presentation Order of Analogs during a Hypothesis-Generation Task*

Presenting Author: **Leandro E. Rivas**
Leandro E. Rivas*: IPEHCS, CONICET-UNCo;* **Sabina Leon***: CONICET-UNCo;* **Maximo Trench***: CONICET-UNCo*

TR.18.02*: Second Order Uncertainty and Prospect Theory*

Presenting Author: **Stephen H Dewitt**
Stephen H Dewitt*: University College London;* **Michelle Lam***: University College London;* **Andy Shi***: University College London;* **Borys Tam***: University College London;* **Samuel Henri Dupret***: University College London;* **Toby D Pilditch***: University College London;* **David Lagnado***: University College London*

TR.18.03*: Object files encode possible object identities, but not possible locations*

Presenting Author: **Gabor Brody**
Gabor Brody*: Brown University;* **Peter Mazalik***: Johns Hopkins University;* **Roman Feiman***: Brown*

15:45 - 16:00   TRANSITION BREAK

16:00 - 17:00
Rotterdam Hall

RUMELHART PRIZE KEYNOTE
Alison Gopnik*: University of California, Berkeley, USA*

Explore, exploit, empower: Three ages and three intelligences

17:00 - 18:30
Shipping/ Exchange/ Mercurius Hall

RUMELHART RECEPTION

FRIDAY, JULY 26, 2024

07:30 - 19:00
Mercurius Hall

REGISTRATION DESK OPEN

08:00 - 19:00
Shipping Hall

EXHIBITS OPEN

Coffee available

09:00 - 10:00
Rotterdam Hall

THE C.L. DE CARVALHO-HEINEKEN PRIZE KEYNOTE

Kia Nobre*: University of Oxford, United Kingdom*

Focusing in memory

10:00 - 10:30
Shipping Hall

REFRESHMENT BREAK

10:30 - 12:00
Rotterdam Hall

RUMELHART SYMPOSIUM

Symposium Chair: **Tamar Kushnir***: Duke University*
Speakers: **Caren Walker***: UCSD;* **Tom Griffiths***: Princeton University;* **Willem Frankenhuis***: University of Amsterdam;* **Laura Schulz***: MIT*

10:30 - 12:00
Diamond I

SYMPOSIUM 4

S.04*: How does the sensory-motor brain integrate and give rise to cognition and learning?*

Iliyana Trifonova*: University of East Anglia;* **Jason A. Shaw***: Yale University;* **Aaron Buss***: University of Tennessee;* **Jelmer Borst***: University of Groningen*

10:30 - 12:00
Penn

T.19*: Causation*

T.19.01*: Exploring Effects of Self-Censoring through Agent-Based Simulation*

Presenting Author: **Klee Schöppl**

Klee Schöppl*: University of Groningen;* **Ulrike Hahn***: Birkbeck, University of London*

T.19.02*: Young children reason about adults' achievement goals for them*

Presenting Author: **Brandon Carrillo**

Brandon Carrillo*: Yale University;* **Mika Asaba***: Yale University;* **Lizbeth Lozano***: Yale University;* **Lauren Okine***: Yale University;* **Julia Anne Leonard***: Yale University*

T.19.03*: Functional Rule Inference from Causal Selection Explanations*

Presenting Author: **Nicolas Navarre and Can Konuk**

Nicolas Navarre*: University of Edinburgh;* **Can Konuk***: Institut Jean Nicod;* **Neil R. Bramley***: University of Edinburgh;* **Salvador Mascarenhas***: Ecole Normale Supérieure*

T.19.04*: Dynamics of Causal Attribution*

Presenting Author: **Dana Kulzhabayeva**

Dana Kulzhabayeva*: University of Toronto;* **Joseph Jay Williams***: University of Toronto;* **David Danks***: University of California, San Diego*

10:30 - 12:00
Goudriaan

T.20: *Cognitive Development 3*

T.20.01: *Benford's Law from a Developmental Perspective*
Presenting Author: **Bruce D. Burns**
Sophia Wünsch: *Goethe University*; **Regina Vollmeyer**: *Goethe University*; **Bruce Burns**: *The University of Sydney*

T.20.02: *What If Pascale Had Gone to Another School: The Effect of Counterfactual Alternatives on 5-6-year-olds' Moral and Happiness Judgments*
Presenting Author: **Zeynep Genç**
Zeynep Genç: *University of Kent*; **Angela Nyhout**: *University of Kent*

T.20.03: *Developing Irrational Confidence? Metacognition in Probabilistic Decisions with Multiple Alternatives*
Presenting Author: **Cate MacColl**
Cate MacColl: *University of Queensland*; **David K Sewell**: *The University of Queensland*; **Jonathan Redshaw**: *University of Queensland*

T.20.04: *Children's Emerging Ability to Balance Internal and External Cognitive Resources*
Presenting Author: **Lily Dicken**
Lily S Dicken: *University of Queensland*; **Thomas Suddendorf**: *University of Queensland*; **Adam Bulley**: *The Behavioural Insights Team*; **Muireann Irish**: *The University of Sydney*; **Jonathan Redshaw**: *University of Queensland*

10:30 - 12:00
Diamond II

T.21: *Language Acquisition 2*

T.21.01: *Analysing Communicative Intent Coordination in Child-Caregiver Interactions*
Presenting Author: **Abhishek Agrawal**
Abhishek Agrawal: *Aix-Marseille Université*; **Benoit Favre**: *Aix-Marseille University*; **Abdellah Fourtassi**: *Aix-Marseille University*

T.21.02: *Shared context and lexical alignment: an experimental investigation*
Presenting Author: **Katie Mudd**
Katie Mudd: *University of Amsterdam*; **Marieke Schouwstra**: *University of Amsterdam*

T.21.03: *Why does Joint Attention Predict Vocabulary Acquisition? The Answer Depends on What Coding Scheme you Use*
Presenting Author: **Jennifer Sander**
Jennifer Sander: *Max Planck Institute for Psycholinguistics*; **Melis Çetinçelik**: *Max Planck Institute for Pscyholinguistcs*; **Yayun Zhang**: *Max Planck Institute for Psycholinguistics*; **Caroline F Rowland**: *Max Planck Institute for Psycholinguistics*; **Zara Harmon**: *Max Planck Institute for Psycholinguistics*

T.21.04: *A longitudinal analysis of children's communicative acts*
Presenting Author: **Claire Augusta Bergey**
Claire Augusta Bergey: *University of Wisconsin-Madison*; **Misha E O'Keeffe**: *University of Wisconsin-Madison*; **Robert Hawkins**: *University of Wisconsin-Madison*

10:30 - 12:00
Leeuwen

T.22: *Social Cognition 3*

T.22.01: *Pink noise in speakers' semantic synchrony dynamics as a metric of conversation quality*

Presenting Author: **Kathryn C. O'Nell**

Kathryn O'Nell: *Dartmouth College*; **Emily S. Finn**: *Dartmouth College*

T.22.02: *Does reading words help you to read minds? A comparison of humans and LLMs at a recursive mindreading task*

Presenting Author: **Cameron R. Jones**

Cameron R Jones: *UC San Diego*; **Sean Trott**: *UC San Diego*; **Benjamin Bergen**: *UC San Diego*

T.22.03: *How does social learning affect stable false beliefs?*

Presenting Author: **Rheza Budiono**

Rheza Budiono: *New York University*; **Catherine Hartley**: *New York University*; **Todd M Gureckis**: *New York University*

T.22.04: *The Hair Club for Boys: How children and adults judge disparate impact rules*

Presenting Author: **Aarthi Popat**

Aarthi Popat: *Yale University*; **Jamie Amemiya**: *Occidental College*; **Gail D. Heyman**: *UC San Diego*; **Caren M. Walker**: *University of California San Diego*

10:30 - 12:00
Mees I

T.23: *Language Production 1*

T.23.01: *Spatial demonstratives and physical control*

Presenting Author: **Angelo Mattia Gervasi**

Angelo Mattia Gervasi: *Sapienza University of Rome*; **Anna Borghi**: *Sapienza University of Rome*; **Francesco Mannella**: *National Research Council*; **Luca Tummolini**: *National Research Council of Italy*

T.23.02: *From the mouths of babes: Toddlers' early word production favors information in common ground*

Presenting Author: **Lia Washington**

Bradli Washington: *Massachusetts Institute of Technology*; **Sienna Radifera**: *Massachusetts Institute of Technology*; **Melissa Kline Struhl**: *Massachusetts Institute of Technology*; **Laura Schulz**: *Massachusetts Institute of Technology*

T.23.03: *Uniform information density explains subject doubling in French*

Presenting Author: **Yiming Liang**

Yiming Liang: *Universiteit Gent*; **Pascal Amsili**: *Université Sorbonne Nouvelle*; **Heather Burnett**: *CNRS*; **Vera Demberg**: *Saarland University*

T.23.04: *On idle idols and ugly icons: Do homophones create interference in typing?*

Presenting Author: **Merel Muylle**

Merel Muylle: *Ghent University*; **Nazbanou Nozari**: *Indiana University*; **Robert Hartsuiker**: *Ghent University*

10:30 - 12:00
Mees II

T.24: *Large Language Models 1*

T.24.01: *Incoherent Probability Judgments in Large Language Models*

Presenting Author: **Jian-Qiao Zhu**

Jian-Qiao Zhu: *Princeton University*; **Tom Griffiths**: *Princeton University*

T.24.02: *Comparing Abstraction in Humans and Machines Using Multimodal Serial Reproduction*

Presenting Author: **Sreejan Kumar**

Sreejan Kumar: *Princeton University*; **Raja Marjieh**: *Princeton University*; **Byron Zhang**: *Princeton University*; **Declan Campbell**: *Princeton University*; **MICHAEL Y HU**: *New York University*; **Umang Bhatt**: *New York University*; **Brenden Lake**: *NYU*; **Tom Griffiths**: *Princeton University*

T.24.03: *Language Models That Accurately Represent Syntactic Structure Exhibit Higher Representational Similarity To Brain Activity*

Presenting Author: **Abraham Jacob Fresen**

Abraham Jacob Fresen: *University of Amsterdam*; **Rochelle Choenni**: *ILLC*; **Micha Heilbron**: *University of Amsterdam*; **Willem Zuidema**: *University of Amsterdam*; **Marianne de Heer Kloots**: *Institute for Logic, Language and Computation*

T.24.04: *Deep Learning as Language Emergence: Noise Drives Generalisation*

Presenting Author: **Henry Conklin**

Henry Conklin: *University of Edinburgh*; **Kenny Smith**: *University of Edinburgh*

10:30 - 12:00
J.F. Staal

T.25: *Cognitive Neuroscience 1*

T.25.01: *Optimal decision-making under task uncertainty: a computational basis for cognitive stability versus flexibility*

Presenting Author: **Seth Madlon-Kay**

Seth Madlon-Kay: *Duke University*; **John Pearson**: *Duke University*; **Tobias Egner**: *Duke University*

T.25.02: *Humans use episodic memory to access features of past experience for flexible decision making*

Presenting Author: **Jonathan Nicholas**

Jonathan Nicholas: *New York University*; **Marcelo G Mattar**: *New York University*

T.25.03: *Neural decoding of words and morphosyntactic features within and across languages*

Presenting Author: **Jeonghwa Cho**

Jeonghwa Cho: *University of Michigan*; **Jonathan R. Brennan**: *University of Michigan*

T.25.04: *A meta-learning framework for rationalizing cognitive fatigue in neural systems*

Presenting Author: **Sebastian Musslick**

Yujun Li: *Peking University*; **Rodrigo Carrasco-Davis**: *UCL*; **Younes Strittmatter**: *Brown University*; **Stefano Sarao Mannelli**: *UCL*; **Sebastian Musslick**: *Brown University*

10:30 - 12:00
Van Walsum

T.26: *Real World Decisions*

T.26.01: *Inconsistent Arguments are Perceived as Better Than Appeals to Authority: An Extension of the Everyday Belief Bias*

Presenting Author: **Calvin Deans-Browne**

Calvin Christopher James Lee Deans-Browne: *University College London*; **Alexandra Băitanu**: *University College London*; **Yuliya Dubinska Ms**: *UCL*; **Henrik Singmann**: *UCL*

T.26.02: *The Structure of Everyday Choice: Insights from 100K Real-life Decision Problems*

Presenting Author: **Sudeep Bhatia**

Sudeep Bhatia: *University of Pennsylvania*; **Simon T. van Baal**: *University of Vienna*; **Lukasz Walasek**: *University of Warwick*

T.26.03: *DELTA: Dynamic Embedding Learning with Truncated Conscious Attention for CTR Prediction*

Presenting Author: **Chen Zhu**

Chen Zhu: *Tsinghua University*; **Liang Du**: *IEG*; **Hong Chen**: *Tsinghua University*; **Shuang Zhao**: *Tencent*; **Zixun Sun**: *Tencent*; **Xin Wang**: *Tsinghua University*; **Wenwu Zhu**: *Tsinghua University*

T.26.04: *Simple changes to content curation algorithms affect the beliefs people form in a collaborative filtering experiment*

Presenting Author: **Jason W. Burton**

Jason W. Burton: *Copenhagen Business School*; **Stefan M Herzog**: *Max Planck Institute for Human Development*; **Philipp Lorenz-Spreen**: *Max Planck Institute for Human Development*

10:30 - 12:00
Van der Veeken

TR.27: *Computational Modeling 2*

TR.27.01: *Towards a path dependent account of category fluency*

Presenting Author: **David Heineman**

David Heineman: *Georgia Institute of Technology*; **Reba Koenen**: *Georgia Institute of Technology*; **Sashank Varma**: *Georgia Tech*

TR.27.02: *Estimating Type of Print Exposure across Aging through Author Production*

Presenting Author: **Mengyang Qiu**

Mengyang Qiu: *Trent University*; **Nichol Castro**: *University at Buffalo*; **Brendan Johns**: *McGill University*

TR.27.03: *Foreground Enhanced Network for Weakly Supervised Temporal Language Grounding*

Presenting Author: **Hongzhou Wu**

Hongzhou Wu: *NUDT*; **Xuechen Zhao**: *National University of Defense and Technology*; **Yifan Lyu**: *Institute of Software, Chinese academy of sciences*; **Xiang Zhang**: *National University of Defense Technology*

TR.27.04: *Hybrid-Similarity Exemplar Model of Context-Dependent Memorability*

Presenting Author: **Robert Nosofsky**

Robert Nosofsky: *Indiana University*; **Adam Osth**: *University of Melbourne*

12:00 - 13:00 LUNCH ON OWN

12:15 - 13:15
Mees I

FUNDING DISCUSSION
Getting Funding to do Cognitive Science and Education Research

Gregg E. A. Solomon: *US National Science Foundation;* **Betty Tuller**: *US National Science Foundation;* **Soo-Siang Lim**: *US National Science Foundation;* **Lara Faust**: *US Department of Education;* **Sonia Guerriero**: *UNESCO;* **Janka Matrai**: *European Research Council*

13:00 - 14:15
Shipping & Exchange Hall

POSTER SESSION
Coffee available in Poster Session

14:15 - 15:45
Rotterdam Hall

ELMAN PRIZE SYMPOSIUM

Symposium Chairs: **Laura Speed**: *Radboud University;* **Ewelina Wnuk**: *University of Warsaw*

Speakers: **Carolyn O'Meara**: *National Autonomous University of Mexico;* **Artin Arshamian**: *Karolinska Institute;* **Laura Speed**: *Radboud University;* **Ewelina Wnuk**: *University of Warsaw"*

14:15 - 15:45
Diamond I

SYMPOSIUM 5
S.05*: What Should I Do Now? Goal-Centric Outlooks on Learning, Exploration, and Communication*

Cédric Colas: *MIT;* **Junyi Chu**: *Harvard University;* **Gaia Molinaro**: *University of California, Berkeley;* **Robert Hawkins**: *University of Wisconsin-Madison*

14:15 - 15:45
Diamond II

SYMPOSIUM 6
S.06*: From Fungi to Thought: Exploring Cognition in Mushroom Foraging*

Aliki Papa: *University of Bergen;* **Andrea Bender**: *University of Bergen;* **Matteo Colombo**: *Tilburg University;* **Roman Abel**: *Ruhr University Bochum;* **Roope Kaaronen**: *University of Helsinki*

14:15 - 15:45
Penn

T.28*: Theory of Mind*

T.28.01*: How to Change a Mind: Adults and Children Use the Causal Structure of Theory of Mind to Intervene on Others' Behaviors*

Presenting Author: **Shengyi Wu**

Shengyi Wu: *Massachusetts Institute of Technology;* **Laura Schulz**: *Massachusetts Institute of Technology;* **Rebecca Saxe**: *MIT*

T.28.02*: No signatures of first-person simulation in Theory of Mind judgments about thinking*

Presenting Author: **Marlene Berke**

Marlene Berke: *Yale University;* **Ben Sterling**: *Yale University;* **Abi Tenenbaum**: *Yale University;* **Julian Jara-Ettinger**: *Yale University*

T.28.03*: Probing Nonhuman Primate Errors on False Belief Tasks to Explore the Evolutionary Roots of Theory of Mind*

Presenting Author: **Amanda Royka**

Amanda L Royka: *Yale University;* **Daniel J. Horschler**: *Yale University;* **Walker Bargmann**: *Yale University;* **Laurie Santos**: *Yale University*

T.28.04*: People balance joint reward, fairness and complexity to develop social norms in a two-player stochastic game*

Presenting Author: **Dhara Yu**

Dhara Yu: *University of California, Berkeley;* **Bill Thompson**: *University of California, Berkeley*

14:15 - 15:45
Goudriaan

T.29: *Pragmatics*

T.29.01: *Do as I explain: Explanations communicate optimal interventions*

Presenting Author: **Lara Kirfel**

Lara Kirfel: *Max Planck Institute for Human Development*; **Jacqueline Harding**: *Stanford University*; **Jeong Yeon Shin**: *Department of Computer Science*; **Cindy Xin**: *Department of Philosophy*; **Thomas Icard**: *Stanford University*; **Tobias Gerstenberg**: *Stanford University*

T.29.02: *Brown Bear, Brown Bear, what do you see? Speaker use more redundant color adjectives when speaking to children than adults*

Presenting Author: **Maya Taliaferro**

Maya Taliaferro: *New York University*; **Laura Schulz**: *Massachusetts Institute of Technology*

T.29.03: *Pragmatic intrusion in probability judgment: The case of conditionals*

Presenting Author: **Daniel Lassiter**

Daniel Lassiter: *University of Edinburgh*; **Chunan Li**: *University of Edinburgh*

T.29.04: *Not all generics are created equal: Differentiating between 'do' and 'can' generic statements*

Presenting Author: **Sophie H. Arnold**

Sophie Arnold: *New York University*; **Mohit Mukherji**: *New York University*; **Marjorie Rhodes**: *New York University*

14:15 - 15:45
Leeuwen

T.30: *Cognitive Development 4*

T.30.01: *Child-Caregiver Gaze Dynamics in Naturalistic Face-to-Face Conversations*

Presenting Author: **Dhia-Elhak Goumri**

Dhia Elhak Goumri: *Aix-Marseille Univesité*; **Leonor Becerra-Bonache**: *Aix-Marseille University*; **Abdellah Fourtassi**: *Aix-Marseille University*

T.30.02: *Toddlers Actively Sample from Reliable and Unreliable Speakers*

Presenting Author: **Jess Mankewitz**

Jess Mankewitz: *University of Wisconsin-Madison*; **Robert Hawkins**: *University of Wisconsin-Madison*; **Jenny Saffran**: *University of Wisconsin-Madison*

T.30.03: *A Look "Inside" Children's Real-time Processing of Spatial Prepositions*

Presenting Author: **Zoe Ovans**

Zoe Ovans: *University of Pennsylvania*; **Heesu Yun**: *University of Pennsylvania*; **Sarah Yi**: *University of Pennsylvania*; **Barbara Landau**: *Johns Hopkins University*; **John Trueswell**: *University of Pennsylvania*

T.30.04: *Children Expect People to Accurately Represent the Minds of Their Close Social Partners*

Presenting Author: **Brandon Woo**

Brandon Matthew Woo: *Harvard University*; **Emma Yu**: *Harvard University*; **Ashley J Thomas**: *Harvard University*

14:15 - 15:45
Mees I

T.31: *Concepts 2*

T.31.01: *Superordinate referring expressions in abstraction: Introducing the concept-level reference game*

Presenting Author: **Kristina Kobrock**

Kristina Kobrock: *University of Osnabrück*; **Charlotte Uhlemann**: *University of Osnabrück*; **Nicole Gotzner**: *University of Osnabrück*

T.31.02: *The impact of speakers' multimodal behaviours on adults' learning of semantic information: A corpus-based investigation*

Presenting Author: **Christopher Edwards**

Christopher Edwards: *University College London*; **Francesco Cabiddu**: *University College London*; **Harriet Hill-Payne**: *University College London*; **Quitterie D'Estalenx**: *University of Exeter*; **Ed Donnellan**: *University College London*; **Yan Gu**: *University of Essex*; **Gabriella Vigliocco**: *University College London*

T.31.03: *Finding Unsupervised Alignment of Conceptual Systems in Image-Word Representations*

Presenting Author: **Kexin Luo**

Kexin Luo: *NYU*; **Bei Zhang**: *NYU*; **Yajie Xiao**: *NYU*; **Brenden Lake**: *NYU*

T.31.04: *Conceptual Knowledge Modulates the Temporal Dynamics of Novelty Preference for Real-world Objects in a Visual Paired Comparison Task*

Presenting Author: **Elena Allegretti**

Elena Allegretti: *La Sapienza, University of Rome*; **Jennifer D/ Ryan**: *Baycrest*; **Moreno I. Coco**: *Sapienza, University of Rome*

14:15 - 15:45
Mees II

T.32: *Decision Making 3*

T.32.01: *Approach-Avoidance Motivation in Lifelong Learning: A New Framework for Understanding the Decision-Making Process behind Voluntary Learning*

Presenting Author: **Angélica Mendes Correia**

Angélica Mendes: *University of Luxembourg*; **Samuel Greiff**: *University of Luxembourg*; **David Levi Tekampe**: *University of Luxembourg*; **Katarzyna Bobrowicz**: *University of Luxembourg*

T.32.02: *Pupil size reflects the relevance of reward prediction error and estimation uncertainty in upcoming choice*

Presenting Author: **Zoe Wanying He**

Zoe W He: *University of California, San Diego*; **Maëva L'Hôtellier**: *CEA Paris-Saclay, Gif-sur-Yvette, France Université de Paris*; **Alexander Paunov**: *CEA Paris-Saclay, Gif-sur-Yvette, France Université de Paris*; **Dalin Guo**: *University of California, San Diego*; **Florent Meyniel**: *CEA Paris-Saclay, Gif-sur-Yvette, France Université de Paris*; **Angela J Yu**: *Technical University of Darmstadt*

T.32.03: *The Delusional Hedge Algorithm as a Model of Human Learning from Diverse Opinions*

Presenting Author: **Timothy T Rogers**

Yun-Shiuan Chuang: *University of Wisconsin - Madison*; **Jerry Zhu**: *University of Wisconsin-Madison*; **Timothy Rogers**: *University of Wisconsin - Madison*

T.32.04*: Learning expectations shape initial cognitive control allocation*

Presenting Author: **Javier Alejandro Masís**

Javier Alejandro Masís*: Princeton University;* **Sebastian Musslick***: Brown University;* **Jonathan Cohen***: Princeton University*

14:15 - 15:45
J.F. Staal

T.33*: Dynamical Systems*

T.33.01*: Interaction of polarity and truth value - A neural dynamic architecture of negation processing*

Presenting Author: **Lea Kati**

Lea Kati*: Ruhr-University Bochum;* **Daniel Sabinasz***: Institut für Neuroinformatik;* **Gregor Schöner***: Ruhr-Universität Bochum;* **Barbara Kaup***: University of Tübingen*

T.33.02*: The Cognitive Dynamics of Advertising*

Presenting Author: **Jad Soucar***: University of California, Los Angeles*

Jad Soucar*: University of California, Los Angeles (UCLA);* **Francis Steen***: University of California*

T.33.03*: Human-machine trios show different tempo changes in musical tasks*

Presenting Author: **Bavo Van Kerrebroeck**

Bavo Van Kerrebroeck*: McGill University;* **Marcelo Wanderley***: McGill University;* **Alexander P Demos***: University of Illinois at Chicago;* **Caroline Palmer***: McGill University*

T.33.04*: Balancing on the Edge: Review and Computational Framework on the Dynamics of Fear of Falling and Fear of Heights in Postural Control*

Presenting Author: **Dominik Endres***: Philipps-University Marburg*

Ruslan Spartakov*: Philipps University Marburg;* **Alap Kshirsagar***: Technische Universität Darmstadt;* **Dominik Mühl***: Philipps-University Marburg;* **Raphael Schween***: Philipps University Marburg;* **Dominik M Endres***: Philipps-Universitaet, Dept. Psychology;* **Frank Bremmer***: Philipps University Maburg;* **Christiane A. Melzig***: Philipps University Marburg;* **Jan Peters***: Technische Universität Darmstadt*

14:15 - 15:45
Van Walsum

T.34*: Semantics*

T.34.01*: Cognitive Factors in Word Sense Decline*

Presenting Author: **Aniket Kali**

Aniket Kali*: University of Toronto;* **Yang Xu***: University of Toronto;* **Suzanne Stevenson***: University of Toronto*

T.34.02*: The (in)efficiency of within-language variation in online communities*

Presenting Author: **Jai Aggarwal**

Jai Aggarwal*: University of Toronto;* **Julia Watson***: University of Toronto;* **Prabuddha Senapati***: University Of Toronto;* **Suzanne Stevenson***: University of Toronto*

T.34.03*: Capturing stage-level and individual-level information from photographs: Human-AI comparison*

Presenting Author: **Yuri Sato**

Yuri Sato*: Ochanomizu University;* **Ayaka Suzuki***: Chiba University;* **Koji Mineshima***: Keio University*

T.34.04: *Issues of Generalization from Unreliable or Unrepresentative Psycholinguistic Stimuli: A Case Study on Lexical Ambiguity*

Presenting Author: **Jiangtian Li**
Jiangtian Li: *University of Toronto Scarborough*; **Blair C. Armstrong**: *University of Toronto*

14:15 - 15:45
Van der Veeken

TR.35: *Perception/Learning/Memory*

TR.35.01: *Target vs. Distractor: Does the Role of a Category In Comparisons Influence Learning? Evidence from Skin Cancer Classification*

Presenting Author: **Victoria Jacoby**
Victoria L Jacoby: *University of California, Los Angeles*; **Christine M. Massey**: *University of California, Los Angeles*; **Philip J Kellman**: *University of California, Los Angeles*

TR.35.02: *Influence of Music Education and Interval Size on Grouping of the AB-AB Sequence Sounds*

Presenting Author: **Adam Rosiński**
Adam Rosiński: *University of Warmia and Mazury in Olsztyn*

TR.35.03: *Verbal overshadowing in odor recognition*

Presenting Author: **Yaxiong Cao**
Yaxiong Cao: *University of Auckland*; **Asifa Majid**: *University of Oxford*; **Norbert Vanek**: *University of Auckland*

TR.35.04: *Detecting Event Construal Shifts in Aspectual Coercion*

Presenting Author: **Ugurcan Vurgun**
Ugurcan Vurgun: *University of Pennsylvania*; **Yue Ji**: *Beijing Institute of Technology*; **Anna Papafragou**: *Unversity of Pennsylvania*

15:45 - 16:00 TRANSITION BREAK

16:00 - 17:30
Rotterdam Hall

INVITED SYMPOSIUM 2

Dynamics Between the Minds

Julia Fischer: *German Primate Center*; **Lynn Perry**: *University of Miami*; **Henny Admoni**: *Carnegie Mellon University*; **Julian Jara-Ettinger**: *Yale University*

16:00 - 17:30
Diamond I

SYMPOSIUM 7

S.07: *Advances in the Study of Event Cognition*

Jeffrey M. Zacks: *Washington University in Saint Louis*; **Dare Baldwin**: *University of Oregon*; **Sarah Hye-yeon Lee**: *University of Pennsylvania*; **Eva Wittenberg**: *Central European University*

16:00 - 17:30
Diamond II

SYMPOSIUM 8

S.08: *Dynamics of memory search*

Abhilasha Kumar: *Bowdoin College*; **Cynthia S.Q. Siew**: *National University of Singapore*; **Peter M. Todd**: *Indiana University, Bloomington*; **Yoed Kenett**: *Technion - Israel Institute of Technology*

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16:00 - 17:30
Mees I

T.36: *Language Processing*

T.36.01: *Construal Level Theory: Testing the Association of Abstraction Level and Object Distance with Experimentally Induced Distances*

Presenting Author: **Karin M. Bausenhart**

Karin M. Bausenhart: *University of Tuebingen;* **Satu Kluvich**: *Eberhard Karls Universität ;* **Rolf Ulrich**: *University of Tübingen;* **Barbara Kaup**: *University of Tübingen*

T.36.02: *Participle-Prepended Nominals Have Lower Entropy Than Nominals Appended After the Participle*

Presenting Author: **Kristie Denlinger**

Kristie Denlinger: *The University of Texas at Austin;* **Stephen Mark Wechsler**: *The University of Texas at Austin;* **Kyle Mahowald**: *The University of Texas at Austin*

T.36.03: *Attention Allocation to Deviants with Intonational Rises and Falls: Evidence from Pupillometry*

Presenting Author: **Maria Lialiou**

Maria Lialiou: *University of Cologne;* **Jesse Harris**: *UCLA;* **Martine Grice**: *University of Cologne;* **Petra B. Schumacher**: *University of Cologne*

T.36.04: *Cue-Based Memory Retrieval in Garden-Path Sentences*

Presenting Author: **Hiroki Fujita**

Hiroki Fujita: *University of Potsdam;* **Shravan Vasishth**: *Potsdam*

16:00 - 17:30
Leeuwen

T.37: *Cognitive Development 5*

T.37.01: *Listening to a Story or Creating One: Children's Performances and Brain Activity in Storytelling-Based Learning*

Presenting Author: **Nina Besser Ilan**

Nina Besser Ilan: *Tel Aviv University;* **Hadas Shavit**: *Tel Aviv University;* **nofar kochavi**: *Tel Aviv University;* **Sagi Jaffe-Dax**: *Tel Aviv University*

T.37.02: *Early Threads of Connection: Probing Infants' Early Understandings of Caregiving Relationships*

Presenting Author: **Christina Steele**

Christina Steele: *Harvard University;* **Megan Richardson**: *Harvard University;* **Azwayla Taylor**: *Harvard University ;* **Denis Tatone**: *Central European University;* **Ashley J Thomas**: *Harvard University*

T.37.03: *Show or Tell? Preschool-aged children adapt their communication to their partner's auditory access*

Presenting Author: **Aaron Chuey**

Aaron Chuey: *Stanford University;* **Catherine Qing**: *Stanford University;* **Rondeline M. Williams**: *Stanford University;* **Michael C. Frank**: *Stanford University;* **Hyowon Gweon**: *Stanford University*

T.37.04: *It's How You Teach, Not What You Teach: Preschoolers Prefer Coordinative Instruction from Informants*

Presenting Author: **Yingjia Wan**

Yiqun Chen: *Institute of Psychology;* **Liqi Zhu**: *Institute of Psychology;* **Yingjia Wan**: *Institute of Psychology, Chinese Academy of Sciences*

16:00 - 17:30
Mees II

T.38: *Language Acquisiton 3*

T.38.01: *Twice Upon a Time: Children Use Syntactic Bootstrapping to Learn the Meaning of Yesterday and Tomorrow*

Presenting Author: **Urvi Maheshwari**

Urvi Maheshwari: *University of California San Diego*; **David Barner**: *UC San Diego*

T.38.02: *The Interpretation of Ambiguous "They": Children and Adults Pattern Together*

Presenting Author: **Anissa Baird**

Anissa Baird: *University of Toronto*; **Emily Atkinson**: *University of Toronto Mississauga*

T.38.03: *Learning semantic knowledge based on infant real-time attention and parent in-situ speech*

Presenting Author: **Yayun Zhang**

Jane Yang: *University of Texas at Austin*; **Yayun Zhang**: *Max Planck Institute for Psycholinguistics*; **Chen Yu**: *University of Texas at Austin*

T.38.04: *Mark the unexpected! Animacy preference and motion marking in visual language*

Presenting Author: **Ana Krajinovic**

Ana Krajinovic: *Tilburg University*; **Irmak Hacımusaoğlu**: *Tilburg University*; **Bruno Cardoso**: *Tilburg University*; **Neil Cohn**: *Tilburg University*

16:00 - 17:30
Penn

T.39: *Language Comprehension 3*

T.39.01: *A working memory model of sentence processing as binding morphemes to syntactic positions*

Presenting Author: **Maayan Keshev**

Maayan Keshev: *The Hebrew University of Jerusalem*; **Mandy Cartner**: *Tel Aviv University*; **Aya Meltzer-Asscher**: *Tel Aviv University*; **Brian Dillon**: *University of Massachusetts Amherst*

T.39.02: *Information Locality in the Processing of Classifier-Noun Dependencies in Mandarin Chinese*

Presenting Author: **Hailin Hao**

Hailin Hao: *University of Southern California*; **Yang Yang**: *Guangdong University of Foreign Studies*; **Michael Hahn**: *Saarland University*

T.39.03: *Dissociating Syntactic Operations via Composition Count*

Presenting Author: **Kohei Kajikawa**

Kohei Kajikawa: *University of Tokyo*; **Ryo Yoshida**: *University of Tokyo*; **Yohei Oseki**: *University of Tokyo*

T.39.04: *Naturalistic Reading Time Data Support Information Locality*

Presenting Author: **Hailin Hao**

Hailin Hao: *University of Southern California*; **Himanshu Yadav**: *Indian Institute of Technology Kanpur*; **Elsi Kaiser**: *University of Southern California*

16:00 - 17:30
J.F. Staal

T.40: *Perception 2*

T.40.01: *Predicting graded dishabituation in a rational learning model using perceptual stimulus embeddings*

Presenting Author: **Gal Raz**

Anjie Cao: *Stanford* ; **Gal Raz**: *MIT*; **Rebecca Saxe**: *MIT*; **Michael C. Frank**: *Stanford University*

T.40.02: *Letter shapes phonology: Feature economy and informativeness in 43 writing systems*

Presenting Author: **Olivier Morin**

Yoolim Kim: *Wellesley College*; **Marc Allassonnière-Tang**: *CNRS*; **Helena Miton**: *Santa Fe Institute*; **Olivier Morin**: *PSL University*

T.40.03: *Is Holistic Processing Associated with Face Scanning Pattern and Performance in Face Recognition? Evidence from Deep Neural Network with Hidden Markov Modeling*

Presenting Author: **Yueyuan Zheng**

Wei Xing: *University of Hong Kong*; **Yueyuan Zheng**: *University of Hong Kong*; **Antoni B. Chan**: *City University of Hong Kong*; **Janet Hsiao**: *Hong Kong University of Science & Technology*

T.40.04: *Effects of Discrimination Difficulty on Peak Shift and Generalization*

Presenting Author: **Jessica C. Lee**

Jessica C. Lee: *University of Sydney*; **Tamara Cahyadi**: *Macquarie University*; **Peter Lovibond**: *University of New South Wales*; **René Schlegelmilch**: *University of Bremen*

16:00 - 17:30
Van Walsum

T.41: *Reasoning 2*

T.41.01: *Constitutive and Contingent Kinds: Relations between kind, form, and identity*

Presenting Author: **Alexander Noyes**

Alexander Noyes: *New York University*; **Katherine Ritchie**: *University of California, Irvine*; **Marjorie Rhodes**: *New York University*

T.41.02: *Symmetric Bias in Reasoning: Error Analysis of Indeterminate Term Series Problems*

Presenting Author: **Takafumi Aoi**

Takafumi Aoi: *Japan Advanced Institute of Science and Technology*; **Shohei Hidaka**: *Japan Advanced Institute of Science and Technology*

T.41.03: *People use fast, goal-directed simulation to reason about novel games*

Presenting Author: **Katie Collins**: *MIT*

Cedegao E Zhang: *Massachusetts Institute of Technology*; **Katherine M Collins**: *University of Cambridge*; **Lionel Wong**: *Massachusetts Institute of Technology*; **Adrian Weller**: *University of Cambridge*; **Josh Tenenbaum**: *MIT*

T.41.04: *Individual and Topic Level Differences in Sensitivity to Online Consensus Effects*

Presenting Author: **Manikya Alister**

Manikya Alister: *The University of Melbourne*; **Keith James Ransom**: *University of Adelaide*; **Saoirse Connor Desai**: *University of Sydney*; **Ee Von Soh**: *University of Melbourne*; **Brett Hayes**: *University of New South Wales*; **Andrew Perfors**: *University of Melbourne*

16:00 - 17:30
Goudriaan

T.42: *Philosophy & Language Evolution*

T.42.01: *Computational Thought Experiments for a More Rigorous Philosophy and Science of the Mind*

Presenting Author: **Iris Oved**

Iris Oved: *Independent Scholar;* **Nikhil Krishnaswamy**: *Colorado State University;* **James Pustejovsky**: *Brandeis University;* **Joshua K Hartshorne**: *Boston College*

T.42.02: *The Visualizer's Fallacy: Why Aphantasia Skepticism Underestimates the Dynamics of Cognition*

Presenting Author: **Christian Oliver Scholz**

Christian Oliver Scholz: *Ruhr-Universität Bochum*

T.42.03: *Exploring the evolutionary dynamics of sound symbolism*

Presenting Author: **Chundra Cathcart**

Chundra Cathcart: *University of Zurich;* **Gerhard Jäger**: *Tübingen University*

T.42.04: *Simplifications made early in learning can reshape language complexity: an experimental test of the Linguistic Niche Hypothesis*

Presenting Author: **Kenny Smith**

Kenny Smith: *University of Edinburgh*

16:00 - 17:30
Van der Veeken

TR.43: *Cognitive Neuroscience 2*

TR.43.01: *Multi-view Time-frequency Contrastive Learning for Emotion Recognition*

Presenting Author: **Lei Wang**

Lei Wang: *Dalian University of Technology;* **Jianping Zhu**: *Dalian University of Technology;* **Bo Jin**: *DaLian University of Technology;* **XiaoPeng Wei**: *Dalian University of Technology*

TR.43.02: *How robust are fMRI and EEG data to alternative specifications in representational similarity analyses?*

Presenting Author: **Satwick Sen Sarma**

Satwick Sen Sarma: *Indian Institute of Technology Kanpur;* **Gouravmoy Boruah**: *Indian Institute of Technology Kanpur;* **Nisheeth Srivastava**: *Indian Institute of Technology*

17:30 - 17:45

TRANSITION BREAK

17:45 - 18:45
Rotterdam Hall /
Diamond II

KEYNOTE

Neural dynamics encode the structure and statistics of language

Andrea Martin: *Max Planck Institute for Psycholinguistics, The Netherlands*

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SATURDAY, JULY 27, 2024

07:30 - 17:00
Mercurius Hall

REGISTRATION DESK OPEN

08:00 - 17:00
Shipping Hall

EXHIBITS OPEN

08:00 - 08:30 Coffee available

08:30 - 09:00
Rotterdam Hall

A Year in CSS: Conversation with Society President Anna Papafragou

Join Society President, Anna Papafragou for a review of the past year in CSS and a conversation about the future. The conversation is scheduled for Saturday, July 27 at 8:30 am in the Rotterdam Hall.

09:00 - 10:00
Rotterdam Hall

KEYNOTE ADDRESS

Dynamics Between Minds

How higher cognition emerges from the dynamics of strongly interacting neural populations

Gregor Schöner: *Ruhr-University Bochum, Germany*

10:00 - 10:30
Shipping Hall

REFRESHMENT BREAK

10:30 - 12:00
Rotterdam Hall

GLUSHKO TALKS

Causal induction in time
Tianwei Gong: *University of Edinburgh*

The Anticipation of Events in Time
Matthias Grabenhorst: *Radboud University Nijmegen*

A Computational Framework for Emotion Understanding
Sean Dae Houlihan: *Massachusetts Institute of Technology*

Investigating the neurobiology of language with artificial language systems
Shailee Jain: *The University of Texas at Austin*

Implicit Compositional Structure in the Vector Representations of Artificial Neural Networks
Tom McCoy: *Johns Hopkins University*

Body perception and brain plasticity in blind and sighted individuals
Dominika Radziun: *Karolinska Institutet*

Neurocognitive considerations for engineering bionic limbs
Hunter Schone: *University College London*

10:30 - 12:00
Diamond I

SYMPOSIUM 9

S.09: Computational Social Cognition: Approaches and challenges

Ismail Guennouni: *University College London;* **Joseph M Barnby**: *Royal Holloway, University of London;* **Julian Jara-Ettinger**: *Yale University;* **Rebecca Saxe**: *MIT;* **Maarten Speekenbrink**: *University College London*

10:30 - 12:00
Penn

T.44*: Education*

T.44.01*: ECKT: Enhancing Code Knowledge Tracing via Large Language Models*

Presenting Author: **Yang Yu**

Yang Yu: *East China Normal University*; **Yingbo Zhou**: *East China Normal University*; **Yaokang Zhu**: *Huawei company*; **Yutong Ye**: *East China Normal University*; **Liangyu Chen**: *East China Normal University*; **Mingsong Chen**: *East China Normal University*

T.44.02*: The Impact of Teachers' Multimodal Cues on Students' L2 Vocabulary Learning in Naturalistic Classroom Teaching*

Presenting Author: **Jing Zhou**

Jing Zhou: *Auckland University of Technology*; **Yan Gu**: *University of Essex*

T.44.03*: Distraction in Math Anxious Individuals During Math Effort-Based Problem Solving*

Presenting Author: **Mariel K. Barnett**

Mariel Barnett: *Case Western Reserve University*; **Kyle LaFollette**: *Case Western Reserve University*; **Brooke N. Macnamara**: *Case Western Reserve University*

T.44.04*: Modality Matters: Evidence for the Benefits of Speech-Based Adaptive Retrieval Practice in Learners with Dyslexia*

Presenting Author: **Thomas Wilschut**

Thomas Jan Wilschut: *University of Groningen*; **Florian Sense**: *Infinite Tactics, LLC*; **Hedderik van Rijn**: *University of Groningen*

10:30 - 12:00
Goudriaan

T.45*: Cognitive Development 6*

T.45.01*: Infants Track Environmental Volatility to Optimize Their Learning*

Presenting Author: **Francesco Poli**

Francesco Poli: *University of Cambridge*; **Tommaso Ghilardi**: *Birkbeck University of London*; **Jana H. M. Bersee**: *University of Amsterdam*; **Rogier B. Mars**: *University of Oxford*; **Sabine Hunnius**: *Donders Institute*

T.45.02*: "Oh! Um… Sure": Children and adults use other's linguistic surprisal to reason about expectations and learn stereotypes*

Presenting Author: **Ben Morris**

Ben Morris: *University of Chicago*; **Alex Shaw**: *University of Chicago*

T.45.03*: Cognitive diversity in context: US-China differences in children's reasoning, visual attention, and social cognition*

Presenting Author: **Alexandra Carstensen**

Alexandra Carstensen: *Arizona State University*; **Anjie Cao**: *Stanford* ; **Alvin Wei Ming Tan**: *Stanford University*; **Di Liu**: *Johns Hopkins University*; **Yichun Liu**: *Fudan University*; **Minh Khong Bui**: *California State University, Fullerton*; **Jiayi Wang-Zhao**: *Harvard University*; **Ai Nghi Diep**: *Stanford University*; **Qi Han**: *Stanford University*; **Michael C. Frank**: *Stanford University*; **Caren M. Walker**: *University of California San Diego*

T.45.04*: Children and Adults Consider Others' Resources When Inferring Their Emotions*

Presenting Author: **Tiffany Doan**

Tiffany Doan: *University of Toronto, Scarborough*; **Yang Wu**: *University of Toronto Scarborough*

10:30 - 12:00
Leeuwen

T.46: *Perception 3*

T.46.01: *The role of counterfactual visibility in inference about absence*

Presenting Author: **Matan Mazor**

Matan Mazor: *University of Oxford*; **Rani Moran**: *Queen Mary University of London*; **Clare Press**: *University College London*

T.46.02: *A formal model of intuitive theories of vision in congenitally blind and sighted adults*

Presenting Author: **Ziwen Wang**

Ziwen Wang: *Johns Hopkins University*; **Elizabeth Musz**: *Johns Hopkins University*; **Sophia Keil**: *Johns Hopkins University*; **Colin Wilson**: *Johns Hopkins University*; **Marina Bedny**: *Johns Hopkins Unversity*

T.46.03: *The human visual system encodes multiple mutually exclusive categories of cause and effect interaction*

Presenting Author: **Jonathan F. Kominsky**

Jonathan F. Kominsky: *Central European University*; **Katharina Wenig**: *Central European University*

T.46.04: *Using Gibbs Sampling with People to characterize perceptual and aesthetic evaluations in multidimensional visual stimulus space*

Presenting Author: **Eline Van Geert**

Eline Van Geert: *KU Leuven*; **Nori Jacoby**: *Max Planck Institute for Empirical Aesthetics*

10:30 - 12:00
Diamond II

T.47: *Artificial Intelligence 2*

T.47.01: *Can Generative Multimodal Models Count to Ten?*

Presenting Author: **Sunayana Rane**

Sunayana Rane: *Princeton University*; **Alexander Ku**: *Google DeepMind*; **Jason Baldridge**: *Google*; **Ian Tenney**: *Google Research*; **Tom Griffiths**: *Princeton University* ; **Been Kim**: *Google*

T.47.02: *Advancing the (Elite) Grandmasters: AI's Role in Enhancing Chess Expertise*

Presenting Author: **Merim Bilalic**

Merim Bilalic: *Northumbria University at Newcastle*; **Nemanja Vaci**: *University of Sheffield*

T.47.03: *Are autonomous vehicles blamed differently?*

Presenting Author: **Darko Stojilović**

Darko Stojilović: *University College London*; **Matija Franklin**: *University College London*; **Bertram F. Malle**: *Brown University*; **Carlos Fernandez-Basso**: *University College London*; **Edmond Awad**: *University of Exeter*; **David Lagnado**: *University College London*

T.47.04: *Self-supervised learning of video representations from a child's perspective*

Presenting Author: **Brenden Lake**

Emin Orhan: *New York University*; **Wentao Wang**: *New York University*; **Alex N Wang**: *New York University*; **Mengye Ren**: *New York University*; **Brenden Lake**: *NYU*

10:30 - 12:00
Mees I

T.48: *Bayesian Modeling*

T.48.01: *Reasoning about (In)Dependent Evidence: A Mismatch between Perceiving and Incorporating Dependencies?*

Presenting Author: **Laura Elaine Strittmatter**

Laura Elaine Strittmatter: *ETH Zurich*; **Toby D Pilditch**: *University of Oxford*; **David Lagnado**: *UCL*

T.48.02: *Rational Polarization: Sharing Only One's Best Evidence Can Lead to Group Polarization*

Presenting Author: **Leon Assaad**

Leon Assaad: *Ludwig-Maximilians-Universität München*; **Ulrike Hahn**: *Birkbeck, University of London*

T.48.03: *A Rational Trade-Off Between the Costs and Benefits of Automatic and Controlled Processing*

Presenting Author: **Maximilian Mittenbühler**

Maximilian Mittenbühler: *University of Tuebingen*; **Sarah Schwöbel**: *TUD Dresden University of Technology*; **David Dignath**: *University of Tuebingen*; **Stefan Kiebel**: *TUD Dresden University of Technology*; **Martin V. Butz**: *University of Tuebingen*

T.48.04: *A New Posterior Probability-Based Measure of Coherence*

Presenting Author: **Borut Trpin**

Stephan Hartmann: *LMU Munich*; **Borut Trpin**: *LMU Munich*

10:30 - 12:00
Mees II

T.49: *Emotion*

T.49.01: *Metaphors in music performance: from semantics and motor performance to expressive communication*

Presenting Author: **Tessa Verhoef**

Rebecca Schaefer: *Leiden University*; **Tessa Verhoef**: *Leiden University*

T.49.03: *The Effects of Stress and Anxiety in Technology-Based Learning Environments*

Presenting Author: **Maliha Naushad Mian**

Maliha Naushad Mian Ms: *University of New South Wales*; **Gelareh Mohammadi**: *UNSW*; **Nadine Marcus**: *University of New South Wales*

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10:30 - 12:00
J.F. Staal

T.50: *Morality*

T.50.02*: Understanding rule enforcement using drift diffusion models*

Presenting Author: **Neele Engelmann**

Neele Engelmann: *Max Planck Institute for Human Development;* **Ivar R Hannikainen**: *University of Granada;* **Carlos González-García**: *University of Granada;* **Maria Ruz**: *University of Granada*

T.50.03*: A coherence-based approach to moral trade-offs*

Presenting Author: **Aidan Runagall-McNaull**

Aidan Runagall-McNaull: *University of Melbourne;* **Yoshihisa Kashima**: *University of Melbourne;* **Simon Laham**: *University of Melbourne*

T.50.04*: Attribution of Responsibility Between Agents in a Causal Chain of Events*

Presenting Author: **Vanessa Cheung**

Vanessa Cheung: *University College London;* **Mengxuan Helen Qiao**: *University College London;* **David Lagnado**: *University College London*

10:30 - 12:00
Van Walsum

T.51: *Decision Making 4*

T.51.01*: Introducing the Extinction Gambling Task*

Presenting Author: **Maximilian Maier**

Maximilian Maier: *University College London;* **Adam Harris**: *University College London;* **David Kellen**: *Syracuse University;* **Henrik Singmann**: *UCL*

T.51.02*: Combining individuating and context-general cues in lie detection*

Presenting Author: **David Peebles**

David Peebles: *University of Huddersfield;* **Chris Street**: *Keele University*

T.51.03*: A Rational Model of Innovation by Recombination*

Presenting Author: **Bonan Zhao**

Bonan Zhao: *Princeton University;* **Natalia Vélez**: *Princeton University;* **Tom Griffiths**: *Princeton University*

T.51.04*: Moment-to-moment decisions of when and how to help another person*

Presenting Author: **Todd Gureckis**

Pamela Joy Osborn Popp: *Vanderbilt University;* **Todd M Gureckis**: *New York University*

10:30 - 12:00
Van der Veeken

TR.52: *Cognitive Development 7*

TR.52.01: *'Five' is the number of bunnies and hats: Children's understanding of cardinal extension and exact number*

Presenting Author: **Khuyen N. Le**

Khuyen N. Le: *University of California, San Diego*; **Christine Kwon**: *University of California, San Diego*; **Mincong Wu**: *University of California, San Diego*; **David Barner**: *University of California, San Diego*

TR.52.02: *Children's Expectations About Epistemic Change*

Presenting Author: **Mack Briscoe**

Mack Briscoe: *Harvard University*; **Rui Zhang**: *Yale University*; **Julian Jara-Ettinger**: *Yale University*

TR.52.03: *An Investigation of Children's Reasoning about Data Transfers*

Presenting Author: **Breanna Amoyaw**

Breanna Amoyaw: *University of Manitoba*; **Shaylene E Nancekivell**: *University of Manitoba*

12:00 - 13:00 LUNCH ON OWN

13:00 - 15:00
*Shipping &
Exchange Hall*

POSTER SESSION

14:30 - 15:00 Coffee available in Poster Session

15:00 - 16:30
Rotterdam Hall

INVITED SYMPOSIUM 3

Dynamics Within Minds

Ping Li: *Hong Kong Polytechnic University*; **Shinji Nishimoto**: *Osaka University*; **Andrea Kiesel**: *University of Freiburg*

15:00 - 16:30
Diamond I

SYMPOSIUM 10

S.10: *The Fundamental Flexibility of Abstract Words*

Joanna Rączaszek-Leonardi: *University of Warsaw*; **Anna Borghi**: *Sapienza University of Rome*; **Dedre Gentner**: *Northwestern University*; **Luca Tummolini**: *National Research Council of Italy*; **Nick Chater**: *University of Warwick*

15:00 - 16:30
Diamond II

SYMPOSIUM 11

S.11: *Towards a movement science of communication*

Šárka Kadavá: *Leibniz Center General Linguistics*; **Lara Pearson**: *Max Planck Institute for Empirical Aesthetics*; **James Trujillo**: *University of Amsterdam*; **Wim Pouw**: *Radboud University*

15:00 - 16:30
Goudriaan

T.53*: Social Cognition 4*

T.53.01*: Do attentional focus and partner gaze impact interpersonal coordination?*

Presenting Author: **Margaret Macpherson**

Margaret Catherine Macpherson: *Macquarie University*; **Amber Jade Brown**: *University of Western Australia*; **Lynden K. Miles**: *University of Western Australia*

T.53.02*: Distributed statistical inference in social interaction networks*

Presenting Author: **Yuliya Zubak**

Yuliya Zubak: *University of Wisconsin-Madison*; **Pranav Dronavalli**: *University of Wisconsin - Madison*; **Yun-Shiuan Chuang**: *University of Wisconsin-Madison*; **Robert Hawkins**: *University of Wisconsin-Madison*

T.53.03*: Adaptation to Speakers is modulated by working memory updating and theory of mind -- a study investigating humor comprehension*

Presenting Author: **Vera Demberg**

Jia Loy: *Saarland University*; **Vera Demberg**: *Saarland University*

T.53.04*: The effect of diversity on group decision-making*

Presenting Author: **Georgi Karadzhov**

Georgi Milev Karadzhov: *University of Cambridge*; **Andreas Vlachos**: *University of Cambridge*; **Tom Stafford**: *University of Sheffield*

15:00 - 16:30
Mees II

T.54*: Language Acquisiton 4*

T.54.01*: Modeling Vocabulary Growth in Autistic and Non-Autistic Children*

Presenting Author: **Christopher R. Cox**

Eileen Haebig: *Louisiana State University*; **Stan West**: *Louisiana State University* ; **Christopher R Cox**: *Louisiana State University*

T.54.02*: Are the most frequent words the most useful? Investigating core vocabulary in reading*

Presenting Author: **Andrew Wang**

Andrew Wang: *The University of Melbourne*; **Simon De Deyne**: *University of Melbourne*; **Meredith McKague**: *University of Melbourne*; **Andrew Perfors**: *University of Melbourne*

T.54.03*: Predicting ages of acquisition for children's early vocabulary across 27 languages and dialects*

Presenting Author: **Alvin Wei Ming Tan**

Alvin Wei Ming Tan: *Stanford University*; **Georgia Loukatou**: *Stanford University*; **Mika Braginsky**: *Stanford University*; **Jess Mankewitz**: *University of Wisconsin - Madison*; **Michael C. Frank**: *Stanford University*

T.54.04*: How Should We Represent Bilingual Vocabulary Knowledge?*

Presenting Author: **Jennifer Weber**

Jennifer Weber: *University of Colorado, Boulder*; **Pui Fong Kan**: *University of Colorado Boulder*; **Eliana Colunga**: *University of Colorado Boulder*

15:00 – 16:30
Penn

T.55: *Language Production 2*

T.55.01: *Even Laypeople Use Legalese*

Presenting Author: **Eric Martínez**

Eric Martinez: *Massachusetts Institute of Technology*; **Francis Mollica**: *University of Melbourne*; **Edward Gibson**: *Massachusetts Institute of Technology*

T.55.02: *Publish or Perish: Simulating the Impact of Publication Policies on Science*

Presenting Author: **Marina Mancoridis**

Marina Mancoridis: *Princeton University*; **Ted Sumers**: *Princeton University*; **Tom Griffiths**: *Princeton University*

T.55.03: *Biological Males' and 'Trans(gender) Women': Social Considerations in the Production of Referring Expressions*

Presenting Author: **Brandon Papineau**

Brandon Papineau: *Stanford University*; **Judith Degen**: *Stanford University*

T.55.04: *Long absent, NOT soon forgotten: Prosodic marking of information status in Chinese Sign Language*

Presenting Author: **Yan Gu**

Hao Lin: *Shanghai International Studies University*; **Yi Jiang**: *Shanghai International Studies University*; **Yan Gu**: *University of Essex*

15:00 – 16:30
Mees I

T.56: *Large Language Models 2*

T.56.01: *Relative Value Biases in Large Language Models*

Presenting Author: **William M. Hayes**

William M Hayes: *Binghamton University*; **Nicolas Yax**: *École normale supérieure*; **Stefano Palminteri**: *École normale supérieure*

T.56.02: *Recovering Mental Representations from Large Language Models with Markov Chain Monte Carlo*

Presenting Author: **Jian-Qiao Zhu**

Jian-Qiao Zhu: *Princeton University*; **Haijiang Yan**: *University of Warwick*; **Tom Griffiths**: *Princeton University*

T.56.03: *Do large language models solve ARC visual analogies like people do?*

Presenting Author: **Gustaw Opiełka**

Gustaw Opiełka: *University of Amsterdam*; **Hannes Rosenbusch**: *University of Amsterdam*; **Veerle P Vijverberg**: *University of Amsterdam*; **Claire Stevenson**: *University of Amsterdam*

T.56.04: *Evidence Against Syntactic Encapsulation in Large Language Models*

Presenting Author: **Thomas McGee**

Thomas A. McGee: *University of California, Los Angeles*; **Idan A Blank**: *University of California, Los Angeles*

15:00 - 16:30
Leeuwen

T.57*: Event Processing 2*

T.57.01*: Labeling behaviors are associated with the identification of emotion events*

Presenting Author: **Zhimeng Li**

Zhimeng Li: *Yale University*; **Maria T Gendron**: *Yale Univeristy*

T.57.02*: Visual perception supports 4-place event representations: A case study of TRADING*

Presenting Author: **Ekaterina Khlystova**

Ekaterina Khlystova: *University of California, Los Angeles*; **Alexander Williams**: *University of Maryland*; **Jeffrey Lidz**: *University of Maryland*; **Laurel Perkins**: *University of California Los Angeles*

T.57.03*: Remembered futures and anticipated pasts: The recursive grammar of mental time travel*

Presenting Author: **Jonathan Redshaw**

Jonathan Redshaw: *University of Queensland*

T.57.04*: False memories of actions: When motor simulation is Deceptive*

Presenting Author: **Francesco Ianì**

Teresa Limata: *University of Turin*; **Mara Stockner**: *Sapienza University of Rome*; **Danilo Mitaritonna**: *"Sapienza" University of Rome*; **Giuliana Mazzoni**: *Sapienza University of Rome*; **Monica Bucciarelli**: *Università di Torino*; **Francesco Ianì**: *University of Torino*

15:00 - 16:30
J.F. Staal

T.58*: Computational Neuroscience*

T.58.02*: Unveiling the Synergistic Effects: A Unified Autonomous Synaptic Development Mechanism for Reservoir Computing*

Presenting Author: **Zhihao Zuo**

Zhihao Zuo: *Fudan University*; **Zhongxue Gan**: *Fudan University*

T.58.03*: Get more from less: Differential neural decoding for effective reconstruction of perceived naturalistic stimuli from limited and noisy training data*

Presenting Author: **Thirza Dado**

Thirza Dado: *Radboud University*; **Umut Güçlü**: *Radboud University*

T.58.04*: Effects of Distributional and Sensorimotor Distance Measures on the EEG during Property Verification*

Presenting Author: **Harshada Vinaya**

Harshada Vinaya: *University of California San Diego*; **Sean Trott**: *UC San Diego*; **Diane Pecher**: *Erasmus University*; **Rene Zeelenberg**: *Erasmus University*; **Seana Coulson**: *UC San Diego*

15:00 - 16:30
Van Walsum

T.59: *Spatial Cognition*

T.59.01: *Identifying cognitive processes and neural substrates of spatial transformation in a mental folding task with cognitive modeling*

Presenting Author: **Kai Preuss**

Kai Preuss: *Technische Universität Berlin;* **Christopher Hilton**: *Technische Universität Berlin;* **Klaus Gramann**: *Technische Universität Berlin;* **Nele Russwinkel**: *Universität zu Lübeck*

T.59.03: *Multidimensional spatial memory: One action, two reference frames*

Presenting Author: **Benjamin Pitt**

Benjamin Pitt: *Institute for Advanced Study in Toulouse*

T.59.04: *VSA4VQA: Scaling A Vector Symbolic Architecture To Visual Question Answering on natural images*

Presenting Author: **Anna Penzkofer**

Anna Penzkofer: *University of Stuttgart;* **Lei Shi**: *University of Stuttgart;* **Andreas Bulling**: *University of Stuttgart*

15:00 - 16:30
Van der Veeken

T.60: *Memory 2*

T.60.01: *Model-based characterization of forgetting in children and across the lifespan*

Presenting Author: **Anais Capik**

Anais Capik: *Univeristy of Washington ;* **holly hake**: *University of Washington;* **Bahar Sener**: *University of Washington;* **Ariel Starr**: *University of Washington;* **Andrea Stocco**: *University of Washington*

T.60.02: *Valence-based memory prioritization as a mechanism of spontaneous recovery after extinction*

Presenting Author: **Isabel Berwian**

Isabel Berwian: *Princeton University;* **Sashank Pisupati PhD**: *Limbic Ltd;* **Jamie Chin Chiu**: *Princeton University;* **Yongjing Ren**: *Rutgers University;* **Yael Niv**: *Princeton University*

T.60.04: *How does assembling an object affect memory for it?*

Presenting Author: **William Patrick McCarthy**

William P McCarthy: *University of California, San Diego;* **Sean P Anderson**: *Stanford University;* **Judith E. Fan**: *Stanford University*

16:30 - 16:45   TRANSITION BREAK

16:45 - 17:00
Rotterdam Hall

CLOSING & THANK YOU

WORKSHOPS

The CogSci 2024 Program includes a series of workshops, scheduled to take place on **Wednesday, July 24, 2024**. These pre-conference sessions are optional to attend and there is a $40 registration fee for each workshop. **Pre-registration is required**.

WORKSHOP 6

08:00 - 12:00
Goudriaan I & II

Career paths beyond the tenure track for cognitive scientists

Organizers and Presenters: **Vanessa Simmering**: *Doctrina Consulting, LLC;* **Carissa L Shafto**: *Brightfield Strategies, LLC*

Cognitive science research has far-reaching implications, but many graduate students are trained solely for tenure-track faculty positions. Academic training develops a wide range of skills in behavioral research, literature reviewing, data analysis, scientific publishing, grant writing, teaching, and student mentorship. These skills have direct application in many other careers, but training within academia typically neglects to address how these skills translate to other work environments and career paths. As growth in the number of doctoral trainees continues to outpace permanent academic positions (Kolata, 2016; Larson et al., 2013; Lederman, 2016), more doctoral recipients have been seeking employment beyond faculty positions and academia (National Science Board, 2018). Those who are interested in exploring alternative career paths may not know where to turn for guidance. Our goal in this professional development workshop is to offer such guidance and an opportunity to network with scholars in similar situations.

WORKSHOP 1

08:30 - 17:00
Diamond II

In-context learning in natural and artificial intelligence

Organizers and Presenters: **Akshay Kumar Jagadish:** *Helmholtz Munich;* **Ishita Dasgupta**: *Google DeepMind;* **Jacques Pesnot Lerousseau**: *Institut for Communication, Language and the Brain;* **Marcel Binz**: *Helmholtz Munich*

In-context learning refers to the ability of a neural network to learn from information presented in its context. While traditional learning in neural networks requires adjusting network weights for every new task, in-context learning operates purely by updating internal activations without needing any updates to network weights. The emergence of this ability in large language models has led to a paradigm shift in machine learning and has forced researchers to reconceptualize how they think about learning in neural networks. Looking beyond language models, we can find in-context learning in many computational models relevant to cognitive science, including those that emerge from meta-learning.

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WORKSHOP 2

08:30 - 17:00
Leeuwen I & II

Coggraph: Building bridges between cognitive science and computer graphics

Organizers and Presenters: **Kartik Chandra**, *MIT;* **Anne H K Harrington**: *Massachusetts Institute of Technology;* **Katherine M Collins**: *MIT;* **Christopher Kymn**: *UC Berkeley;* **Kushin Mukherjee**: *University of Wisconsin-Madison;* **Sean P Anderson**: *Stanford University;* **Arnav Verma**: *University of Toronto;* **Judith E. Fan**: *Stanford University*

In recent years, the field of computer graphics has achieved its longstanding dream of photorealism: modern graphics algorithms produce images that are indistinguishable from reality. Much like art at the advent of photography, then, computer graphics is now turning its gaze to the beholder: researchers are increasingly looking to cognitive science to engineer new modes of visual expression. Recent work has sought to apply insights from cognitive science to a variety of traditional graphics topics: from taking a perceptual approach to perspective, to studying the theory of mind behind animation, to applying theories of abstraction learning to build tools for geometry processing.

At the same time, a wave of recent work in cognitive science has addressed fundamental questions about visual expression: for example, how humans understand and create sketches, shapes, and symbols. The field has also benefited greatly from tools and methods from computer graphics: differentiable rendering, physics simulation, and game engines have become indispensable in modeling human perception and intuitive physics. Recognizing this growing interdisciplinary exchange of ideas, we are proposing a workshop to begin building formal bridges between the cognitive science and computer graphics communities.

WORKSHOP 3

08:30 - 17:00
Mees I & II

Compositionality in minds, brains and machines: A unifying goal that cuts across cognitive sciences

Organizers and Presenters: **Barbara Pomiechowska:** *University of Birmingham;* **Rachel Dudley**: *Central European University;* **Lionel Wong**: *Massachusetts Institute of Technology;* **Mathias Sablé-Meyer**

Compositionality, or the ability to build complex representations from discrete elements, is an essential ingredient of human intelligence. Compositionality enables people to think productively, learn fast from limited experience, and generalize knowledge to new contexts without re-learning from scratch. It is also essential in information processing systems to efficiently represent structured data and has seen application in compression and symbolic Artificial Intelligence (AI). Historically, the notion of compositionality played a central role in linguistic theory and philosophy of mind. More recently, it is attracting a surge of interest throughout the domains of cognitive science. Compositional processes are leveraged for elucidating the nature of mental representations in cognition (Dehaene et al., 2022), understanding the functional organisation of the brain (Agrawal et al., 2019), or building Artificial Intelligence systems that are robust to changes in the environment (Hupkes et al., 2020).

WORKSHOP 5

08:30 - 17:00
Diamond I

Improving concepts in cognitive science

Organizers and Presenters: **Marina Dubova**: *Indiana University Bloomington;* **Lisa Feldman Barrett**: *Northeastern University;* **Robert Goldstone**: *Indiana University;* **Sebastian Musslick**: *University of Osnabrück;* **Russell Poldrack**: *Stanford University*

Like any science, cognitive science rests upon a set of conceptual foundations. Traditionally, cognition has been compartmentalized into distinct processes such as perception, memory, attention, emotion, cognitive control, language, and others. Further, the disciplines studying these different constructs have developed their own conceptual systems. For example, emotion science studies anger, fear, and happiness, whereas memory research has articulated varieties such as long-term, short-term, working, and episodic memory. These conceptual systems serve as key scientific tools, influencing processes from the development of new measurement instruments and deciding on which experiments to conduct to developing new theories and communicating results (Feest, 2010; Dubova & Goldstone, 2023). Although critically important for scientific progress, these concepts, often stemming from the folk taxonomies or the perspectives of early visionaries, have not always been subjected to rigorous scrutiny. To address these issues, cognitive scientists are beginning to critically re-evaluate and possibly reframe the conceptual underpinnings of cognitive disciplines (e.g. Cisek, 2019; Poldrack et al., 2011; Musslick et al., 2020), yet such efforts often lack strategic direction and widely diverge in their methodological ways of approaching the task.

WORKSHOP 4

13:00 - 17:00
Goudriaan I & II

Rapprochement, not detente: How cognitive science and industry can get back to getting along, and make each other better along the way

Organizers and Presenters: **David Landy**: *Netflix;* **Robert Glushko**: *University of California, Berkeley*

We have a simple thesis: the relationship between academic and industry-based cognitive science is broken, but can be fixed. Over the last few decades, there has been a huge increase in the representation of cognitive science in industry. Beyond just machine learning, businesses are increasingly interested in human behavior and cognitive processes. Large proportions of our Ph.D. students, post-docs, and even faculty choose to go through a largely one-way door to corporate jobs in data science, behavioral experimentation, machine learning, user experience, and elsewhere. Currently, people who choose industry careers often lose their social and intellectual networks and their ability to return to tenure-track positions, and valuable insights from industry about memory, decision-making, learning, emotion, distributed cognition, and much more never return to the academic community. We believe that deep, theory driven, theory building work is being done in industry settings--and that the rift between the communities is making our scientific work less effective than it could be.

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WORKSHOP 7

13:00 - 17:00
Penn I & II

Using psychometrics to improve cognitive models–and theory

Organizers and Presenters: **Alvin Wei Ming Tan,** *Stanford University;* **George Kachergis**: *Stanford University;* **Michael C. Frank**: *Stanford University*

The field of psychometrics has undergone substantial evolution over the past several decades, both in terms of advances in methodology and improved software and hardware for deploying new methods. Despite these strides, many of these developments have not been integrated into the broader field of psychology, as highlighted by Embretson (2005) and Borsboom (2006). Understanding and incorporating these psychometric advances is crucial to enable cognitive scientists to address growing concerns about validity and reliability, as well as to develop robust theoretical frameworks for understanding cognition.

COGSCI SPECIAL EVENTS

AFFINITY GROUP:

Asia-Pacific Cognitive Science Group –

WEDNESDAY, JULY 24 5:30-6:30PM
LEEUWEN ROOM

Group Leaders: **Janet Hsiao**, *Hong Kong University of Science and Technology*; **Antoni Chan**, *City University of Hong Kong*; **Byoung-kyong Min**, *Korea University*; **Seong Bae Lim**, *St. Mary's University*; **Junya Morita**, *Shizuoka University*; **Mutsumi Imai**, *Keio University*; **Charles Kemp**, *University of Melbourne*

This affinity group is initiated by members of the International Association for Cognitive Science, Japanese Cognitive Science Society, Korean Society for Cognitive Science, and cognitive science researchers in Hong Kong and Australia. We seek to engage cognitive science researchers and societies in the Asian-Pacific region at CogSci 2024. Through this affinity group, we aim to provide networking opportunities to strengthen research exchange and collaboration, to share experience in community building, to promote cognitive science research in the region, and to provide mentorship opportunities to young cognitive scientists or those who are interested in pursuing cognitive science research. We also aim to initiate regular meetings or other forms of research exchange in the future to take advantage of the geographical closeness.

DISCUSSION GROUPS:

AI and cognition: Transformative tool or disruptive force?

WEDNESDAY, JULY 24 5:30-6:30PM
MEES ROOM

Natalia Postnova and **Evgenii Rudakov**, *University of Helsinki*

Join our discussion group as we explore the dynamics of how human cognition interacts with AI, focusing on ChatGPT-like services. Our discussions will examine both the facilitative and disruptive roles of AI in learning and creativity.

Generative AI, such as ChatGPT, is becoming increasingly prominent in academic and professional environments, providing tools for automation, writing, and coding assistance. While these tools offer significant benefits, concerns are growing about their impact on our ability to acquire and develop skills and knowledge. Recent research indicates that AI can both support the acquisition of new skills and disrupt traditional learning processes.

Our aim is to bring together researchers with diverse perspectives to discuss these key questions:

Under what conditions is AI an effective tool for facilitating learning?

What are the potential pitfalls where AI disrupts learning and hinders skill development?

We would be especially happy to have participants with relevant experience who are ready to share their insights during the discussion. Regardless of your experience or expertise on the topic, you are most welcome to join, learn, and discuss.

Can robots dream?

WEDNESDAY, JULY 24 5:30-6:30PM
PENN ROOM

Grace Roessling and **Adan Gomez**: *Cognitive Science Department, Rensselaer Polytechnic Institute*

The human mind is an information processing system that reveals irreducible complexity and emergent properties – including the phenomena of dreams. Dreams are flows of subjective experience during REM sleep that exhibit highly random and generative content that differ greatly from wakeful consciousness. Various theories attempt to capture the biological function of dreams, including offline memory processing, emotional regulation, and learning.

We posit that computationally replicating the essential features of dreams may reveal insights into the cognitive/neural mechanisms that give rise to dreaming — as well as consciousness and intelligence. We are interested in leading a guided discussion that explores the following: (1) the application of an information-theoretic perspective to the causes and effects of dreams; and (2) the process of developing an artificial intelligence that is able to dream.

Open encyclopedia of cognitive science

THURSDAY, JULY 25 12:15-1:15PM
PENN ROOM

Philip Laughlin, *The MIT Press;* **Asifa Majid**, *Oxford University;* **Michael C. Frank**, *Stanford University*

This discussion group will be an open-ended conversation/question & answer session about a new open access publication that has been in development at The MIT Press for the past two and half years: the Open Encyclopedia of Cognitive Science (OECS). We hope to solicit input from the cognitive science community about topics they would like to see in the OECS. We are also hoping to recruit authors who are interested in contributing to it. And, of course, we will be happy to answer any questions that the cognitive science community might have about this project.

FUNDING DISCUSSION:

FRIDAY, JULY 26TH, 2024 12:15PM – 1:15 PM
MEES I

Getting funding to do cognitive science and education research

Organisers & Presenters: **Gregg E. A. Solomon**, *US National Science Foundation;* **Betty Tuller**, *US National Science Foundation;* **Soo-Siang Lim**, *US National Science Foundation;* **Lara Faust**, *US Department of Education;* **Sonia Guerriero**, *UNESCO;* **Janka Matrai**, *European Research Council*

In this session, representatives from IES, NSF, UNESCO, and ERC will discuss intellectual, sociological, and practical issues that arise in doing research in Cognitive Science, Education, and at their intersection. Some of these issues are due generally to the multidisciplinary nature of the work, but others are specific to education. The mobilization of research knowledge and human capital for translation to practice and policy remains a significant challenge that each of these agencies seeks to address. The speakers will highlight relevant initiatives and point to similarities and differences in the grant review processes between programs, providing tips for successful grant writing along the way. They will discuss where their programs are placed in relation to one another in the funding landscape and along the continuum from the most basic to the most applied research – and the extent that such a distinction is meaningful. They will also contrast their funding emphases and the implications those emphases have for the kinds of projects that can be engaged.

INVITED SYMPOSIUM SPEAKERS

THURSDAY, JULY 25, 2024   14:15-15:45
ROTTERDAM HALL

Dynamics between minds and the environment

Kenji Doya, *Okinawa Institute of Science and Technology Graduate University*
Alex Clarke, *University of Cambridge*
Willem Frankenhuis, *Utrecht University*

Minds interact with the environment across multiple time scales. Cognition in the moment requires dynamic adjustment of sensory and motor processes in response to changing environmental input: we update our visual attention, recalculate the strength of our grasp, and navigate new landscapes. Cognition is also sensitive to the pattern of our experiences over weeks to months, as we explore and build memories. We accumulate information about our environments throughout life, with early experiences playing an especially formative role in our beliefs about the stability of our resources and relationships.

FRIDAY, JULY 26, 2024   16:00-17:30
ROTTERDAM HALL

Dynamics between the minds

Julia Fischer, *German Primate Center*
Lynn Perry, *University of Miami*
Henry Admoni, *Carnegie Mellon University*
Julian Jara-Ettinger, *Yale University*

Real-world cognition is affected by ever-present interactions with other agents. The mind dynamically adjusts according to observations about other agents, such as of their behavior, actions, and sentiment, as well as to inferences about their hidden states, such as their goals, intentions, and trustworthiness. This symposium highlights the processes that enable this flexible adjustment across multiple timescales of cognition.

SATURDAY, JULY 27, 2024   15:00-16:30
ROTTERDAM HALL

Dynamics within the mind

Ping Li, *Hong Kong Polytechnic University*
Shinji Nishimoto, *Osaka University*
Andrea Kiesel, *University of Freiburg*

Cognition requires the cooperation and coordination of multiple representations across the mind and brain. These interactions must be tailored to allow for the vast range of task-specific transformations that involve overlapping sets of inputs, outputs, and internal states. This symposium explores the processes that allow dynamic interactions between systems to enable flexible computation that can subserve changing demands.

SYMPOSIA

SYMPOSIUM 1

Is deep learning the answer for understanding human cognitive dynamics?

THURSDAY, JULY 25   10:30 – 12:00
DIAMOND I

Speakers and Authors: **Brenden Lake**: *NYU;* **Raul Grieben**: *Ruhr-Universität Bochum;* **Mariya Toneva**: *Max Planck Institute for Software Systems;* **Gina Kuperberg**: *Tufts University*

Deep Learning is a neural network approach where a network of multiple layers is trained to process complex data. Applications for deep learning include recognizing complex patterns in pictures, text, and sounds to, in some cases, produce insights into how human process information. Deep learning has garnered widescale interest, fostered by advances in, for instance, natural language processing and the release of innovative tools like Chat GPT. But does deep learning have implications for theory in the cognitive sciences; that is, is deep learning the answer for understanding human cognitive dynamics?

SYMPOSIUM 2

Who is responsible for collective action?

THURSDAY, JULY 25   10:30 – 12:00
DIAMOND II

Speakers: **Lionel Wong:** *Massachusetts Institute of Technology;* **Casey Lewry**: *Princeton University;* **Sofia Bonicalzi**: *Roma Tre University;* **Tobias Gerstenberg**: *Stanford University*
Authors: **Casey Lewry:** *Princeton University;* **Tania Lombrozo**: *Princeton University;* **Shannon Wing**: *Massachusetts Institute of Technology;* **Sydney Levine**: *Allen Institute for AI;* **Josh Tenenbaum**: *MIT;* **Lionel Wong**: *Massachusetts Institute of Technology;* **Sofia Bonicalzi**: *Roma Tre University;* **Tobias Gerstenberg**: *Stanford University*

Reducing inequality, mitigating climate change, and responding to public health crises are large-scale goals that require the cooperation and coordination of many individuals. These goals cannot be achieved by one individual alone, and contributing is not always beneficial to each individual. And yet, individuals must contribute in order to make a difference. How do we hold individuals and groups responsible for collective action?

SYMPOSIUM 3

Higher cognition in large language models

THURSDAY, JULY 25   14:15 - 15:45
DIAMOND I

Speakers and Authors: **Nicholas Ichien:** *University of Pennsylvania;* **Sudeep Bhatia**: *University of Pennsylvania;* **Anna Ivanova**: *Georgia Institute of Technology;* **Taylor Webb**: *University of California: Los Angeles;* **Tom Griffiths**: *Princeton University ;* **Marcel Binz**: *Helmholtz Computational Health Center*

Large language models (LLMs) like OpenAI's GPT-4 (OpenAI et al., 2023), or Google's PaLM (Chowdhery et al., 2022) generate text responses to user-generated text prompts. In contrast to work that evaluates the extent to which model-generated text coheres with linguistic rules (i.e., formal competence) (Chomsky et al., 2023; Piantadosi, 2023), the present symposium discusses the work of cognitive scientists aimed at assessing the extent and manner in which LLMs show effective understanding, reasoning and decision making, capacities associated with human higher cognition (i.e., functional competence) (Binz & Schulz, 2023; Mahowald et al., 2023; Webb et al., 2023). Given both their expertise and their interest in clarifying the nature of human thinking, cognitive scientists are in a unique position both to carefully evaluate LLMs' capacity for thought (Bhatia, 2023; Han et al., 2024; Mitchell, 2023) and to benefit from them as methodological and theoretical tools. This symposium will thus be of interest not only to cognitive scientists concerned with machine intelligence, but also to those looking to incorporate advances in artificial intelligence with their study of human intelligence.

SYMPOSIUM 4

How does the sensory-motor brain integrate and give rise to cognition and learning?

FRIDAY, JULY 26   10:30 - 12:00
DIAMOND I

Speakers: **Iliyana Trifonova:** *University of East Anglia;* **Jason A. Shaw**: *Yale University;* **Aaron Buss**: *University of Tennessee;* **Jelmer Borst**: *University of Groningen*
Authors: **Gregor Schöner**: *Ruhr-Universität Bochum;* **Iliyana Trifonova**: *University of East Anglia;* **John Spencer**: *University of East Anglia;* **Maria M Piñango**: *Yale University;* **Jason A. Shaw**: *Yale University;* **Michael C. Stern**: *Yale University;* **Aaron Buss**: *University of Tennessee;* **Larissa K Samuelson**: *University of East Anglia;* **Jelmer Borst**: *University of Groningen*

The brain evolved as a sensory-motor machine that drives behavior while being linked to the world through sensors. Human cognition abstracts from these sensory-motor roots but retains intimate ties. The brain's structure reflects this history. How do neural processes at different distances from the sensory and motor surfaces integrate to achieve meaningful and grounded cognition? This is a challenge given the time-continuous and graded nature of sensory-motor processing, which enables continuous online updating. It is also a major challenge to understanding development and autonomous learning, in which the coupling across functional boundaries evolves under the influence of online activation patterns.

SYMPOSIUM 5

What should I do now? Goal-centric outlooks on learning, exploration, and communication

FRIDAY, JULY 26 14:15 - 15:45
DIAMOND I

Speakers: **Cédric Colas:** *MIT;* **Junyi Chu**: *Harvard University;* **Gaia Molinaro**: *University of California: Berkeley;* **Robert Hawkins**: *University of Wisconsin-Madison*
Authors: **Cédric Colas:** *MIT;* **Junyi Chu**: *Harvard University;* **Gaia Molinaro**: *University of California: Berkeley;* **Robert Hawkins**: *University of Wisconsin-Madison*

Goals are a central pillar of everyday mental activity. From finding your way home to solving a puzzle and ordering food delivery, much of human action and cognition is goal-directed. Perhaps unsurprisingly, theories of goals are a central focus in the psychology of motivation (Elliott & Dweck, 1988), in social and personality psychology (Fishbach & Ferguson, 2007), as well as research aimed at understanding factors contributing to task achievement in educational and industrial settings (Ames & Ames, 1984; Locke & Latham, 2002). In this symposium, we highlight recent work emphasizing a goal-centric outlook on learning, exploration, and communication.

SYMPOSIUM 6

From fungi to thought: Exploring cognition in mushroom foraging

FRIDAY, JULY 26   14:15 - 15:45
DIAMOND II

Speakers: **Aliki Papa:** *University of Bergen;* **Andrea Bender**: *University of Bergen;* **Matteo Colombo**: *Tilburg University;* **Roman Abel**: *Ruhr University Bochum;* **Roope Kaaronen**: *University of Helsinki*
Authors: **Aliki Papa:** *University of Bergen;* **Andrea Bender**: *University of Bergen;* **Matteo Colombo**: *Tilburg University;* **Akiko Sawada**: *Kyoto University;* **Roman Abel**: *Ruhr University Bochum;* **Roope Kaaronen**: *University of Helsinki*

Tracing the evolutionary milestones of our species has been the focus of much exciting research. Yet, we are still unable to 'locate' the divergence point of our cognitive evolution, which has made us so unique in the animal kingdom (Tomasello & Rakoczy, 2003). We have identified a gap in our understanding, and that is the absence of a systematic exploration into the symbiotic relationship between Homo sapiens and fungi. This highly interdisciplinary symposium aims to address this oversight, emphasizing the important – yet underappreciated – role of fungi in cognitive contexts and challenge traditional views of cognition.

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SYMPOSIUM 7

Advances in the study of event cognition

FRIDAY, JULY 26   16:00 – 17:30
DIAMOND I

Speakers: **Jeffrey M. Zacks:** *Washington University in Saint Louis;* **Dare Baldwin**: *University of Oregon;* **Sarah Hye-yeon Lee**: *University of Pennsylvania;* **Eva Wittenberg**: *Central European University*

Authors: **Sarah Hye-yeon Lee:** *University of Pennsylvania;* **Anna Papafragou**: *University of Pennsylvania;* **Jeffrey M. Zacks**: *Washington University in Saint Louis;* **Dare Baldwin**: *University of Oregon;* **Eva Wittenberg**: *Central European University*

Events are a fundamental part of human experience. Research on event cognition is rapidly developing and is revealing central aspects of how humans perceive, conceptualize, communicate about, and remember events. This symposium offers an interdisciplinary look at recent advances in the study of event cognition. The symposium brings together cognitive scientists from across continents, who are experts on the subject. The symposium contributors come from a variety of backgrounds and disciplines in developmental psychology, cognitive psychology, neuro-computational psychology, and linguistics. They combine a variety of innovative and integrative approaches and methodologies and study diverse populations across the lifespan and across languages. The overall goal of this symposium is to foster an interdisciplinary conversation on different aspects of event cognition.

SYMPOSIUM 8

Dynamics of memory search

FRIDAY, JULY 26   16:00 – 17:30
DIAMOND II

Speakers: **Abhilasha Kumar:** *Bowdoin College*
Authors: **Abhilasha Kumar:** *Bowdoin College;* **Cynthia S.Q. Siew**: *National University of Singapore;* **Peter M. Todd**: *Indiana University: Bloomington;* **Yoed Kenett**: *Technion - Israel Institute of Technology*

Humans engage in a wide variety of search behaviors during their lifetime. These search behaviors may be external such as foraging for food in the wild, or searching for mates, or internal, such as searching for concepts in memory. Decades of work on search processes among humans has suggested that these two types of search behaviors share common characteristics and physiological mechanisms. Despite this progress, understanding the dynamics of internal search is an ongoing challenge in the field.

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SYMPOSIUM 9

Computational social cognition: Approaches and challenges

SATURDAY, JULY 27   10:30 - 12:00
DIAMOND I

Speakers: **Ismail Guennouni:** *University College London*

Authors: **Ismail Guennouni:** *University College London;* **Joseph M Barnby**: *Royal Holloway: University of London;* **Julian Jara-Ettinger**: *Yale University;* **Rebecca Saxe**: *MIT;* **Maarten Speekenbrink**: *University College London*

Predicting the actions and reactions of others is crucial to suc- cessful social interaction. When deciding whether to bluff in a game of poker, we consider the chances that the other players will fold or continue to play and unmask our bluff. When deciding whether to tell our boss that their plans are likely to have adverse effects, we consider a range of reac- tions, from being grateful for our honesty to being dismissed out of spite. Such predictions are highly uncertain and com- plex, not least because the other's (re)actions usually result from them making equally complex and uncertain inferences about us. Nevertheless, we are often remarkably successful – although sometimes utterly wrong – in our social inferences. How do we explain these successes and failures?

SYMPOSIUM 10

The fundamental flexibility of abstract words

SATURDAY, JULY 27   15:00 - 16:30
DIAMOND I

Speakers: **Joanna Rączaszek-Leonardi:** *University of Warsaw;* **Anna Borghi**: *Sapienza University of Rome;* **Dedre Gentner**: *Northwestern University;* **Luca Tummolini**: *National Research Council of Italy;* **Nick Chater**: *University of Warwick*

Authors: **Joanna Rączaszek-Leonardi:** *University of Warsaw;* **Anna Borghi**: *Sapienza University of Rome;* **Nick Chater**: *University of Warwick;* **Morten H. Christiansen**: *Aarhus University;* **Chiara Fini**: *Sapienza University of Rome;* **Dedre Gentner**: *Northwestern University;* **Angelo Mattia Gervasi**: *Sapienza University of Rome;* **Daniel C King**: *Northwestern University;* **Francesco Mannella**: *National Research Council;* **Claudia Mazzuca**: *Sapienza University of Rome;* **Luca Tummolini**: *National Research Council of Italy;* **Julian Zubek**: *University of Warsaw*

In this Symposium we link different perspectives and traditions of research on language and concepts in the cognitive sciences to better understand the process of abstraction from the social-interactive standpoint. In contrast to the usual benefits of abstraction – such as the ability to categorize and generalize – we underscore the possibility of abstract concepts and words to remain underspecified, "open to the context, the suggestions of others" (Borghi, 2023) or to processes of real-time negotiations (Christiansen & Chater, 2022). This is enabled by their largely non-perceptual rela-tional character (Gentner, 2005) and by the fact that they arise in cognitive systems continually embedded and active in their environments (Cisek 1999; Mannella & Tummolini 2023).

SYMPOSIUM 11

Towards a movement science of communication

SATURDAY, JULY 27   15:00 - 16:30
DIAMOND II

Speakers and Authors: **Šárka Kadavá:** *Leibniz Center General Linguistics;* **Lara Pearson**: *Max Planck Institute for Empirical Aesthetics;* **James Trujillo**: *University of Amsterdam;* **Wim Pouw**: *Radboud University*

"To communicate is to move. There is no way around that. If we pick up comprehensive handbooks or introductory texts in movement science (Hong and Bartlett (2008)) we see that there is very rich knowledge and tractable mathematical models about different aspects of movements. Yet, we find no chapter on communicative movements. While the field of speech motor control is a developed area on its own (Parrell and Lammert (2019)), there is no movement science of communication proper, which would include whole-body-, hand-gestural-, signed-, and inter-bodily actions."

POSTER SESSIONS

In-person Posters will be presented during three poster sessions in the Shipping & Exchange Hall of the Postillion Convention Centre. Poster numbers are PX-X-XXX. The first number after P, identifies the poster session. The letter indicates the theme category. The number following the letter is the location of the poster in the hall.

Poster Session 1: Thursday, July 25th 13:00 - 14:15

Poster Session 2: Friday, July 26th 13:00 - 14:15

Poster Session 3: Saturday, July 27th 13:00 - 15:00

Letter	Theme
A	Action
B	Analogy
C	Anthropology
D	Art and cognition
E	Artificial Intelligence
F	Attention
G	Audition
H	Behavioral science
I	Biology
J	Causal reasoning
K	Cognitive development
L	Cognitive neuroscience
M	Computer science
N	Concepts and categories
O	Creativity
P	Culture
Q	Decision making
R	Discourse
S	Education
T	Embodied cognition
U	Emotion
V	Event cognition
W	Externally-supported cognition
X	Group Behaviour
Y	Human Factors
Z	Human-computer interaction
AA	Instruction and teaching
BB	Interactive behavior
CC	Language
DD	Learning
EE	Linguistics
FF	Machine learning
GG	Neuroscience
HH	Other
II	Perception
JJ	Philosophy
KK	Problem solving
LL	Psychology
MM	Reasoning
NN	Semantics
OO	Sociology
PP	Spatial cognition

POSTER SESSION 1:
THURSDAY, JULY 25 13:00 - 14:15

P1-A-1: *Action Observation Influences Scene Perception in 18-Month-Olds*

Presenting Author: **Maja Blesic**, *Central European University*

Maja Blesic: *Central European University*; **Agnes Kovacs**: *Central European University*

P1-C-2: *Quantifying Culture: an Information-Theoretic Measure of how Memes Flow Through Minds*

Presenting Author: **Matthew Cashman**, *Harvard University*

Matthew Cashman: *Harvard University*; **Damian E Blasi**: *Harvard University*

P1-C-3: *Can epistemic vigilance explain the underuse of social information? Evidence that a competitive incentive favoured dishonest advice and reduced the influence of social information.*

Presenting Author: **Robin Watson**, *Arizona State University*

Robin Watson: *Arizona State University*; **Thomas J. H. Morgan**: *Arizona State University*

P1-E-4: *Modeling the Emergence of Letter Shapes*

Presenting Author: **Alice Hein**, *Technical University of Munich*

Alice Hein: *Technical University of Munich*; **Klaus Diepold**: *Technical University Munich*

P1-E-6: *A Nurse is Blue and Elephant is Rugby: Cross Domain Alignment in Large Language Models Reveal Human-like Patterns*

Presenting Author: **Asaf Yehudai**, *The Hebrew University of Jerus*

Asaf Yehudai: *The Hebrew University of Jerus*; **Taelin Karidi**: *The Hebrew University*; **Gabriel Stanovsky**: *The Hebrew University of Jerusalem*; **Ariel Goldstein**: *The Hebrew University*; **Omri Abend**: *The Hebrew University*

P1-E-7: *Reconstruction of visually stable perception from saccadic retinal inputs using corollary discharge signals-driven convLSTM neural networks*

Presenting Author: **Elishai Ezra Tsur**, *The Open University of Israel*

Yahia Showgan: *The Open University of Israel*; **Hadar Cohen Duwek**: *Open University of Israel*; **Elishai Ezra Tsur**: *The Open University*

P1-E-8: *Complexity-Theoretic Limits on the Promises of Artificial Neural Network Reverse-Engineering*

Presenting Author: **Federico Adolfi**, *Ernst-Strüngmann Institute for Neuroscience*

Federico Adolfi: *Ernst-Strüngmann Institute for Neuroscience*; **Martina G. Vilas**: *Goethe University Frankfurt*; **Todd Wareham**: *Memorial University of Newfoundland*

P1-E-9: *Explaining Human Comparisons using Alignment-Importance Heatmaps*

Presenting Author: **Nhut Truong**, *University of Trento*

Nhut Truong: *University of Trento*; **Dario Pesenti**: *University of Trento*; **Uri Hasson**: *University of Trento*

P1-E-10: *An Investigation on EEG-based Prognosis Prediction of Patients with Disorders of Consciousness*

Presenting Author: **Jingcong Li**, *South China Normal University*

Jingcong Li: *South China Normal University*; **Biao Huang**: *South China Normal University*; **Jiahui Pan**: *South China Normal University*; **Fei Wang**: *South China Normal University*

P1-E-11: *Cross-subject EEG Emotion Recognition based on Multitask Adversarial Domain Adaption*

Presenting Author: **Lina Qiu**, *South China Normal University*

Lina Qiu: *South China Normal University*; **Zuorui Ying**: *South China Normal University*; **Weisen Feng**: *South China Normal University*; **Jiahui Pan**: *South China Normal University*

P1-E-12: *Face Processing in Real and Virtual Faces: An EEG Study*

Presenting Author: **Julija Vaitonytė**, *Tilburg University*

Julija Vaitonytė: *Tilburg University*; **Maryam Alimardani**: *Tilburg University*; **Max Louwerse**: *Tilburg University*

P1-E-13: *Simplicity in Complexity*

Presenting Author: **Surabhi S Nath**, *Max Planck Institute for Biological Cybernetics*

Tingke Shen: *Max Planck Institute for Biological Cybernetics*; **Surabhi S Nath**: *Max Planck Institute for Biological Cybernetics*; **Aenne Brielmann**: *University of Tubingen*; **Peter Dayan**: *Max Planck Institute for Biological Cybernetics*

P1-E-14: *Learning to Play Video Games with Intuitive Physics Priors*

Presenting Author: **Abhishek Jaiswal**, *Indian Institute of Technology Kanpur*

Abhishek Jaiswal: *Indian Institute of Technology Kanpur*; **Nisheeth Srivastava**: *Indian Institute of Technology*

P1-E-15: *Concept Learning as Coarse-to-Fine Probabilistic Program Induction*

Presenting Author: **Maddy Bowers**, *MIT*

Maddy L Bowers: *MIT*; **Alexander Lew**: *MIT*; **Wenhao Qi**: *University of California, San Diego*; **Joshua S Rule**: *UC Berkeley*; **Vikash Mansinghka**: *MIT*; **Josh Tenenbaum**: *MIT*; **Armando Solar-Lezama**: *Massachusetts Institute of Technology*

P1-E-16: *Insights from the first BabyLM Challenge: Training sample-efficient language models on a developmentally plausible corpus*

Presenting Author: **Alex Warstadt**, *ETH Zurich*

Alex Warstadt: *ETH Zurich*; **Aaron Mueller**: *Northeastern University*; **Leshem Choshen**: *IBM*; **Ethan Gotlieb Wilcox**: *ETH Zurich*; **Chengxu Zhuang**: *MIT*; **Adina Williams**: *Meta Platforms Inc.*; **Ryan Cotterell**: *Institute for Machine Learning*; **Tal Linzen**: *New York University*

P1-E-17: *An Automated Sleep Staging Method with EEG-based Sleep Structure Computation*

Presenting Author: **Ruixiang Liao**, *Hangzhou Dianzi University*

Ruixiang Liao: *Hangzhou Dianzi University*; **Li Zhu**: *Hangzhou Dianzi University*; **Wanzeng Kong**: *Hangzhou Dianzi University*; **Zhengyi Wang**: *Hangzhou Dianzi University*

P1-E-18: *Generative Artificial Intelligence for Behavioral Intent Prediction*

Presenting Author: **Willa Mannering**, *Johns Hopkins Applied Physics Laboratory*

Willa Mannering: *Johns Hopkins Applied Physics Laboratory*; **Noah Ford**: *Johns Hopkins University Applied Physics Lab*; **Justin J Harsono**: *Johns Hopkins University Applied Physics Laboratory*; **John Winder**: *Johns Hopkins University Applied Physics Laboratory*

P1-E-19: *Chain Versus Common Cause: Biased Causal Strength Judgments in Humans and Large Language Models*

Presenting Author: **Anita Keshmirian**, *Forward College*

Anita Keshmirian: *Forward College*; **Moritz Willig**: *Technical University of Darmstadt*; **Babak Hemmatian**: *University of Illinois Urbana-Champaign*; **Kristian Kersting Kersting**: *TU Darmstadt*; **Ulrike Hahn**: *Birkbeck, University of London*; **Tobias Gerstenberg**: *Stanford University*

P1-E-20: *Animate Agent World Modeling Benchmark*

Presenting Author: **Logan Cross**, *Stanford University*

Logan Matthew Cross: *Stanford University*; **Violet Xiang**: *Stanford University*; **Nick Haber**: *Stanford*; **Daniel Yamins**: *Stanford University*

P1-E-21: *Advice Design to Increase the Use of Advice with an Interval to Overcome Algorithm Aversion*

Presenting Author: **Rina Kagawa**, *University of Tsukuba*

Rina Kagawa: *University of Tsukuba*; **Hidehito Honda**: *The University of Tokyo*; **Hirokazu Nosato**: *National Institute of Advanced Industrial Science and Technology (AIST)*

P1-E-22: *Understanding Multimodal Deep Neural Networks: A Concept Selection View*

Presenting Author: **Chenming Shang**, *Tsinghua University*

Chenming Shang: *Tsinghua University*; **Hengyuan Zhang**: *Tsinghua University*; **Hao Wen**: *Tsinghua University*; **Yujiu Yang**: *Institute of Data and Information*

P1-E-23: *Memristor-based Bionic Decision-making Circuit Inspired by Self-awareness*

Presenting Author: **Zilu Wang**, *Harbin Institute Technology*

Zilu Wang: *Harbin Institute Technology*

P1-E-24: *Unveiling Diplomatic Narratives: Analyzing United Nations Security Council Debates Through Metaphorical Cognition*

Presenting Author: **Rui Mao**, *Nanyang Technological University*

Rui Mao: *Nanyang Technological University*; **Tianwei Zhang**: *Nanyang Technological University*; **Qian Liu**: *School of Computer Science and Engineering*; **Amir Hussain**: *Edinburgh Napier University*; **Erik Cambria**: *NTUsg*

P1-E-25: *Modelling Pragmatic Inference in Children's Use of Perception Verbs with Language Models*

Presenting Author: **Bram van Dijk**, *Leiden University*

Bram van Dijk: *Leiden University*; **Max van Duijn**: *Leiden University*; **Li Kloostra MA**: *Utrecht University* ; **Marco Spruit**: *Leiden University*; **Barend Beekhuizen**: *University of Toronto*

P1-E-26: *A systematic investigation of learnability from single child linguistic input*

Presenting Author: **Yulu Qin**, *New York University*

Yulu Qin: *New York University*; **Wentao Wang**: *New York University*; **Brenden Lake**: *NYU*

P1-E-27: *Prompting invokes expert-like downward shifts in GPT-4V's conceptual hierarchies*

Presenting Author: **Cara Su-Yi Leong**, *New York University*

Cara Su-Yi Leong: *New York University*; **Brenden Lake**: *NYU*

P1-E-28: *Linguistic Framing in Large Language Models*

Presenting Author: **Stephen Flusberg**, *Vassar College*

Stephen Flusberg: *Vassar College*; **Kevin J. Holmes**: *Reed College*

P1-E-29: *Natural Language Semantics Encode Key Dimensions of Psychopathology*

Presenting Author: **Maria Martin Lopez**, *University of California, Berkeley*

Maria Martin Lopez: *University of California, Berkeley*; **Keanan Joyner**: *University of California, Berkeley*; **Bill Thompson**: *University of California, Berkeley*

P1-E-30: *Searching for Argument-Counterargument Relationships in Vector Embeddings*

Presenting Author: **Cherrie Chang**, *Vassar College*

Cherrie Chang: *Vassar College*; **Josh de Leeuw**: *Vassar College*

P1-E-31: *A Deep Channel Attention Transformer for Multimodal EEG-EOG-Based Vigilance Estimation*

Presenting Author: **Jiahui Pan**, *South China Normal University*

Jiahui Pan: *South China Normal University*; **Dehua Lu**: *South China Normal University*

P1-E-32: *Computational Principles of Caregiving*

Presenting Author: **Max Kleiman-Weiner**, *University of Washington*

Max Kleiman-Weiner: *University of Washington*

P1-E-33: *Demystify Deep-learning AI for Object Detection using Human Attention Data*

Presenting Author: **Jinhan Zhang**, *The University of Hong Kong*

Jinhan Zhang: *The University of Hong Kong*; **Guoyang Liu**: *Shandong University*; **Yunke Chen**: *The University of Hong Kong*; **Antoni B. Chan**: *City University of Hong Kong*; **Janet Hsiao**: *Hong Kong University of Science & Technology*

P1-E-34: *Basic syntax from speech: Spontaneous concatenation in unsupervised deep neural networks*

Presenting Author: **Gasper Begus**, *University of California, Berkeley*

Gasper Begus: *University of California, Berkeley*; **Thomas Lu**: *University of California Berkeley*; **Zili Wang**: *Iowa State University*

P1-E-35: *Emergent Mental Lexicon Functions in ChatGPT*

Presenting Author: **Christopher Kello**, *University of California Merced*

Christopher Kello: *University of California Merced*; **Polyphony J Bruna**: *University of California Merced*

P1-E-36: *Cobweb: An Incremental and Hierarchical Model of Human-Like Category Learning*

Presenting Author: **Sashank Varma**, *Georgia Institute of Technology*

Xin Lian: *Georgia Institute of Technology*; **Sashank Varma**: *Georgia Tech*; **Christopher MacLellan**: *Georgia Institute of Technology*

P1-E-37: *Feedback Promotes Learning and Knowledge of the Distribution of Values Hinders Exploration in an Optimal Stopping Task*

Presenting Author: **Erin H. Bugbee**, *Carnegie Mellon University*

Erin H. Bugbee: *Carnegie Mellon University*; **Cleotilde Gonzalez**: *Carnegie Mellon University*

P1-E-38: *Investigating Object Permanence in Deep Reinforcement Learning Agents*

Presenting Author: **Konstantinos Voudouris**, *University of Cambridge*

Konstantinos Voudouris: *University of Cambridge*; **Jason Darwin Liu**: *University of Cambridge*; **Natasza Siwinska**: *University of Cambridge*; **Wout Schellaert**: *Universitat Politècnica de València*; **Lucy G Cheke**: *University of Cambridge*

P1-F-39: *Measuring and Modeling Pursuit Detection in Dynamic Visual Scenes*

Presenting Author: **Maria Kon**, *U.S. Naval Research Laboratory*

Maria Kon: *U.S. Naval Research Laboratory;* **Sangeet Khemlani**: *U.S. Naval Research Laboratory;* **Andrew Lovett**: *U.S. Naval Research Laboratory*

P1-F-40: *Does familiarity drive the self-prioritization effects in attentional processing? Evidence from the Attentional Blink Task.*

Presenting Author: **Dipanjli Yadav**, *I.I.T KANPUR*

DIPANJALI YADAV: *I.I.T KANPUR;* **Ark Verma**: *Indian Institute of Technology Kanpur*

P1-I-41: *Differential Cognitive Effects of Extended Hypoxia*

Presenting Author: **Tim Halverson**, *Aptima, Inc.*

Tim Halverson: *Aptima, Inc.;* **Kara J Blacker**: *Naval Medical Research Unit - Dayton;* **Sean Harshman**: *Air Force Research Lab;* **Christopher Myers**: *Air Force Research Laboratory*

P1-K-42: *Two-year-olds can reason about the temporal structure of their performance*

Presenting Author: **Peter Zhu**, *Stanford University*

Peter Zhu: *Stanford University;* **Veronica Aranda**: *Stanford University;* **Grace E Keene**: *Stanford University;* **Hyowon Gweon**: *Stanford University*

P1-K-43: *Children's multimodal coordination during collaborative problem solving*

Presenting Author: **Lisette de Jonge-Hoekstra**, *Psychology, Faculty of Behavioral and Social Sciences, University of Groningen*

Lisette De Jonge-Hoekstra: *Psychology, Faculty of Behavioral and Social Sciences, University of Groningen;* **Wim Pouw**: *Radboud University;* **Steffie van der Steen**: *Faculty of Behavioral and Social Sciences, University of Groningen;* **Ralf F.A. Cox**: *University of Groningen;* **James Dixon**: *University of Connecticut*

P1-K-44: *Language captures rich information about perceptibility: Evidence from LMMs and humans*

Presenting Author: **Ziwen Wang**, *Johns Hopkins University*

Akshi LNU: *Johns Hopkins University;* **Gabriel Pernell**: *Johns Hopkins University;* **Ziwen Wang**: *Johns Hopkins University;* **Marina Bedny**: *Johns Hopkins University*

P1-K-45: *Infants expect an agent to choose a goal that can be reached at a lower cost*

Presenting Author: **Laura Schlingloff-Nemecz**, *Central European University*

Laura Schlingloff-Nemecz: *Central European University;* **Gergely Csibra**: *Central European University;* **Denis Tatone**: *Central European University;* **Barbara Pomiechowska**: *University of Birmingham*

P1-K-46: *Young children strategically adapt to unreliable social partners*

Presenting Author: **Kat Adams Shannon**, *Stanford University*

Katherine Adams Shannon: *Stanford University;* **Aneesa Conine-Nakano**: *Stanford University;* **Willem E. Frankenhuis**: *University of Amsterdam;* **Michael C. Frank**: *Stanford University;* **Hyowon Gweon**: *Stanford University*

P1-L-47: *Computational characterization of the role of an attention schema in controlling visuospatial attention*

Presenting Author: **Lotta Marlen Piefke**, *University Osnabrück*

Lotta Marlen Piefke: *University Osnabrück;* **Adrien Doerig**: *University of Osnabrück;* **Tim Kietzmann**: *University of Osnabrück;* **Sushrut Thorat**: *Osnabrück University*

P1-L-48: *Causal inferencing relies on domain-specific systems: Evidence from illness causality*

Presenting Author: **Miriam Hauptman**, *Johns Hopkins University*

Miriam Hauptman: *Johns Hopkins University;* **Marina Bedny**: *Johns Hopkins University*

P1-L-49: *The trajectory of the functional excitation-inhibition balance in an autistic and allistic developmental sample*

Presenting Author: **Hannah Plueckebaum**, *University of Kaiserslautern-Landau*

Hannah Plueckebaum: *University of Kaiserslautern-Landau;* **Lars Meyer**: *Max Planck Institute for Human Cognitive and Brain Sciences;* **Ann-Kathrin Beck**: *University of Kaiserslautern-Landau;* **Thomas Lachmann**: *University of Kaiserslautern-Landau;* **Katharina H. Menn**: *Max Planck Institute for Human Cognitive and Brain Sciences*

P1-L-50: *Blocked learning curriculum reduces age-related deficits in memory*

Presenting Author: **Xiangjuan Ren**, *Universität Hamburg*

Xiangjuan Ren: *Universität Hamburg;* **Marit Petzka**: *Universität Hamburg;* **Nicolas Schuck**: *Universität Hamburg*

P1-L-51: *How Does Information Sampling Affect Moral Judgments?*

Presenting Author: **Jade Terry**, *Deborah Cesarini, Duke University*

Deborah Cesarini: *Duke University;* **Jade Terry**: *Duke University*

P1-L-52: *Size and community structure affect abstract graph learning*

Presenting Author: **Theodoros Kapogianis**, *UCI*

Theodoros Kapogianis: *UCI;* **Aaron Bornstein**: *University of California, Irvine;* **Elizabeth Chrastil**: *UC Irvine*

P1-L-53: *The effects of mindfulness meditation on peripersonal space*

Presenting Author: **Riccardo De Pastina**, *Sapienza University of Rome*

Riccardo De Pastina: *Sapienza University of Rome*; **Salvatore Gaetano Chiarella**: *Sapienza University of Rome*; **Antonino Raffone**: *Sapienza University of Rome*; **Luca Simione**: *Università degli Studi Internazionali*

P1-L-54: *How repetition interferes with access to visual working memory items : An EEG study*

Presenting Author: **Abhishek Singh Narvaria**, *National Brain Research centre*

Abhishek Singh Narvaria: *National Brain Research centre*; **Dr. Arpan Banerjee**: *National Brain Research Centre (NBRC)*; **Dipanjan Roy**: *Indian Institute of Technology Jodhpur*

P1-L-55: *Object concepts in the brain: A representational similarity analysis of features and categories*

Presenting Author: **Caitlyn Antal**, *McGill University*

Caitlyn Antal: *McGill University*; **Roberto G. de Almeida**: *Concordia University*; **Christopher Steele**: *Concordia University*; **Brendan Johns**: *McGill University*

P1-L-56: *Investigating autobiographical memory through the lens of self-incongruent shameful memories.*

Presenting Author: **Alicja M. Wicher**, *Ruhr University Bochum*

Alicja M. Wicher: *Ruhr University Bochum*; **Nikolai Axmacher**: *Ruhr University Bochum*

P1-M-57: *Testing a Distributional Semantics Account of Grammatical Gender Effects on Semantic Gender Perception*

Presenting Author: **George Rocco Flint**, *University of California, Berkeley*

George Rocco Flint: *University of California, Berkeley*; **Anna Ivanova**: *Georgia Institute of Technology*

P1-M-58: *Resource-Rational Encoding of Reward Information in Planning*

Presenting Author: **Zhuojun Ying**, *UCSD*

Zhuojun Ying: *UCSD*; **Frederick Callaway**: *New York University*; **Anastasia Kiyonaga**: *UC San Diego*; **Marcelo G Mattar**: *New York University*

P1-M-59: *Learning interactions to boost human creativity with bandits and GPT-4*

Presenting Author: **Timothy Rogers**, *University of Wisconsin Madison*

Ara Vartanian: *University of Wisconsin Madison*; **Xiaoxi Sun**: *University of Wisconsin Madison*; **Yun-Shiuan Chuang**: *University of Wisconsin Madison*; **Siddharth Suresh**: *University of Wisconsin-Madison*; **Jerry Zhu**: *University of Wisconsin-Madison*; **Timothy Rogers**: *UW-Madison*

P1-N-60: *Conceptual Diversity Across Languages and Cultures: A Study on Common Word Meanings among native English and Chinese speakers.*

Presenting Author: **Jia Ke**, *University of Melbourne*

Jia Ke: *University of Melbourne*; **Simon De Deyne**: *University of Melbourne*

P1-O-61: *Different Forms of Creativity Are Rooted in Distinctive Evolutionarily-Ancient Foraging Strategies*

Presenting Author: **Tyler Marghetis**, *University of California, Merced*

Soran Malaie: *University of California, Merced*; **Michael Spivey**: *University of California, Merced*; **Tyler Marghetis**: *University of California, Merced*

P1-O-62: *Individual Creativity Versus Team Setting: Where Do the Most Creative Ideas Flourish?*

Presenting Author: **Zhino Ebrahimi**, *RPTU University of Kaiserslautern-Landau*

Zhino Ebrahimi: *RPTU University of Kaiserslautern-Landau*; **Thomas Lachmann**: *RPTU University of Kaiserslautern-Landau*; **Saskia Jaarsveld Phd, Dr habil.**: *Technisc he Universität Kaiserslautern*; **Kirstin Bergström**: *University of Kaiserslautern-Landau*

P1-S-64: *Enhancing Effects of Causal Scaffolding on Preschoolers' Analogical Reasoning Abilities*

Presenting Author: **Emily Rose Reagan**, *UC Berkeley*

Emily Rose Reagan: *UC Berkeley*; **Verity Pinter**: *UC Berkeley*; **Mariel K. Goddu**: *UC Berkeley*; **Alison Gopnik**: *University of California at Berkeley*

P1-S-65: *Parent-Child Interaction and Children's Engagement with and Learning of a Causal System: A Conversation Card Manipulation*

Presenting Author: **David Sobel**, *Brown University*

David M. Sobel: *Brown University*; **Angela Li**: *Brown University*

P1-S-66: *How Red Is a Ladybeetle? Examining People's Notions of Biological Variability*

Presenting Author: **Pablo Leon Villagra**, *Brown University*

Pablo Leon Villagra: *Brown University*; **Olympia N. Mathiaparanam**: *University of Rochester*; **Karl Rosengren**: *University of Rochester*; **Daphna Buchsbaum**: *Brown University*

P1-T-67: *The Influence of Emotional Narrative Context on Word Learning*

Presenting Author: **Yuzhen Dong**, *University of Oxford*

Yuzhen Dong: *University of Oxford*; **Matthew HC Mak**: *University of Warwick*; **Robert Hepach**: *University of Oxford*; **Kate Nation**: *University of Oxford*

P1-U-68: *Changes of self-others relation by synchronizing facial expressions*

Presenting Author: **Ryunosuke Baba**, *Shizuoka University*

Ryunosuke Baba: *Shizuoka University*; **Junya Morita**: *Shizuoka University*

P1-X-69: *Why Two Heads Together are Worse Than Apart: A Context-Based Account of Collaborative Inhibition in Memory Search*

Presenting Author: **Hemali Angne**, *Rutgers University - New Brunswick*

Hemali Angne: *Rutgers University - New Brunswick*; **Charlotte Cornell**: *Rutgers University--New Brunswick*; **Qiong Zhang**: *Rutgers University - New Brunswick*

P1-CC-70: *Comparing the Threshold and Prototype Model for Gradable Adjectives*

Presenting Author: **Tamar Johnson**, *University of Amsterdam*

Tamar Johnson: *University of Amsterdam*; **Alexandra Sarafoglou**: *University of Amsterdam* ; **Julia M Haaf**: *University of Potsdam*; **Ingmar Visser**: *University of Amsterdam*; **Jakub Szymanik**: *University of Trento*

P1-CC-71: *Distributional Language Models and the Representation of Multiple Kinds of Semantic Relations*

Presenting Author: **Jon Willits**, *University of Illinois Urbana Champaign*

Jingfeng Zhang: *University of Illinois Urbana Champaign*; **Jon Willits**: *University of Illinois at Urbana-Champaign*

P1-EE-72: *Effects of Context on the Use of Descriptive Verbs*

Presenting Author: **Radina Dobreva**, *University of Edinburgh*

Radina Dobreva: *University of Edinburgh*; **Frank Keller**: *University of Edinburgh*; **Alexandra Birch**: *University of Edinburgh*

P1-EE-73: *Inferential abilities in Down syndrome: Examining verbal and nonverbal contributors to narrative comprehension in adolescents and adults*

Presenting Author: **Elisa Mattiauda**, *University College London (UCL)*

Elisa Mattiauda: *University College London (UCL)*; **Onur Özsoy**: *Leibniz-Center General Linguistics*; **Natalia Gagarina**: *ZAS*; **Alexandra Perovic**: *University College London*

P1-EE-74: *Lexicons encode differently what people do differently. Computational studies of the pragmatic motivations of lexical typology.*

Presenting Author: **Barend Beekhuizen**, *University of Toronto*
Barend Beekhuizen: *University of Toronto*

P1-EE-75: *Event-General Conceptual Categories Organize Verb Semantics and Acquisition Cross-linguistically*

Presenting Author: **Sarah Hye-yeon Lee**, *University of Pennsylvania*

Sarah Hye-yeon Lee: *University of Pennsylvania*; **Anna Papafragou**: *Unversity of Pennsylvania*

P1-EE-76: *Analysing Cross-Speaker Convergence through the Lens of Automatically Detected Shared Linguistic Constructions*

Presenting Author: **Esam Ghaleb**, *University of Amsterdam*

Esam Ghaleb: *University of Amsterdam*; **Marlou Rasenberg**: *Meertens Institute*; **Wim Pouw**: *Radboud University*; **Ivan Toni**: *Radboud University*; **Judith Holler**: *Radboud University*; **Asli Ozyurek**: *Radboud University*; **Raquel Fernandez**: *University of Amsterdam*

P1-EE-77: *Speakers align both their gestures and words not only to establish but also to maintain reference to create shared labels for novel objects in interaction*

Presenting Author: **Sho Akamine**, *Max Planck Institute for Psycholinguistics*

Sho Akamine: *Max Planck Institute for Psycholinguistics*; **Esam Ghaleb**: *University of Amsterdam*; **Marlou Rasenberg**: *Meertens Institute*; **Raquel Fernandez**: *University of Amsterdam*; **Antje Meyer**: *Max Planck Institute for Psycholinguistics*; **Asli Özyürek**: *Max Planck Institute*

P1-EE-78: *At-issueness and the Right Frontier: An Investigation of Dutch*

Presenting Author: **Hans A. Wilke**, *University of Groningen*
Hans Wilke: *University of Groningen*; **Jet Hoek**: *Radboud University*

P1-EE-79: *Interpreting implausible event descriptions under noise*

Presenting Author: **Asya Achimova**, *University of Tübingen*

Asya Achimova: *University of Tübingen*; **Marjolein van Os**: *Saarland University*; **Vera Demberg**: *Saarland University*; **Martin V. Butz**: *University of Tuebingen*

P1-EE-80: *Simulation as a tool for formalising null hypotheses in cognitive science research*

Presenting Author: **Aislinn Keogh**, *University of Edinburgh*
Aislinn Keogh: *University of Edinburgh*; **Elizabeth Pankratz**: *University of Edinburgh*

P1-EE-81: *Neural-agent Language Learning and Communication: Emergence of Dependency Length Minimization*

Presenting Author: **Yuqing Zhang**, *University of Groningen*

Yuqing Zhang: *University of Groningen*; **Tessa Verhoef**: *Leiden University*; **Gertjan van Noord**: *University of Groningen*; **Arianna Bisazza**: *University of Groningen*

P1-EE-82: *Item-level Difficulty Predictors in the Acquisition of Past Tense in Dutch*

Presenting Author: **Eleni Zimianiti**, *Max Planck Institute for Psycholinguistics*

Eleni Zimianiti: *Max Planck Institute for Psycholinguistics*; **Lilian Ye**: *Prowise Learn*; **Abe Hofman**: *University of Amsterdam*; **Rogier A Kievit**: *donders*; **Caroline F Rowland**: *Max Planck Institute for Psycholinguistics*; **Seamus Donnelly**: *Australian National University*

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P1-EE-83: *Repair in Children's Language Acquisition: Universal Principles and Patterns of Variation*

Presenting Author: **Liudmyla Feurstein**, *University of Zurich*

Liudmyla Feurstein: *University of Zurich*; **Sabine Stoll**: *University of Zurich*

P1-EE-84: *Aspects of semantic change and how they interact with lexical acquisition*

Presenting Author: **Stefan Hartmann**, *University of Vienna*

Andreas Baumann: *University of Vienna*; **Andreas Scheicher**: *TU Wien*; **Irene Böhm**: *University of Vienna*; **Stefan Hartmann**: *HHU Düsseldorf*

P1-EE-85: *'Good-Enough' Processing by Heritage Speakers: A Case of Korean Suffixal Passive and Morphological Causative Constructions*

Presenting Author: **Gyu-Ho Shin**, *Unversity of Illinois at Chicago*

Gyu-Ho Shin: *Unversity of Illinois at Chicago*

P1-EE-86: *Feature-based generalisation in sound pattern learning depends on phonetic motivation*

Presenting Author: **Alexander Martin**, *University of Groningen*

Alexander Martin: *University of Groningen*; **James White**: *University College London*

P1-EE-87: *The strength of a universal*

Presenting Author: **Tyler Knowlton**, *University of Pennsylvania*

Tyler Knowlton: *University of Pennsylvania*; **John Trueswell**: *University of Pennsylvania*; **Anna Papafragou**: *Unversity of Pennsylvania*

P1-EE-88: *Word order and the learnability of artificial languages*

Presenting Author: **Bob van Tiel**, *Radboud University Nijmegen*

Bob van Tiel: *Radboud University Nijmegen*; **Fausto Carcassi**: *University of Amsterdam*; **Xiaochen Y Zheng**: *Donders Institute for Brain, Cognition, and Behaviour*

P1-EE-89: *The optionality of complementizer čto in Russian — a multifactorial analysis*

Presenting Author: **Yue Zou**, *Shanghai International Studies University*

Yue Zou: *Shanghai International Studies University*; **Hao Lin**: *Shanghai International Studies University*

P1-EE-90: *Shared syntax in bilinguals: Does code-switching affect the strength of cross-language structural priming?*

Presenting Author: **Yung Han Khoe**, *Radboud University*

Yung Han Khoe: *Radboud University*; **Gerrit Jan Kootstra**: *Radboud University*; **Edith Kaan**: *University of Florida*; **Rob Schoonen**: *Radboud University*; **Stefan Frank**: *Radboud University*

P1-EE-91: *Same Same but Different: How Ambiguity is Resolved by Prosody and Gestures*

Presenting Author: **Jiajun GAO**, *Yan Gu, University of Nottingham Ningbo China*

Jiajun GAO: *University of Nottingham Ningbo China*; **Yan Gu**: *University of Essex*

P1-EE-92: *Informativity and accessibility in incremental production of the dative alternation*

Presenting Author: **Neil Rathi**, *Stanford University*

Neil Rathi: *Stanford University*; **Brandon Waldon**: *Georgetown University*; **Judith Degen**: *Stanford University*

P1-EE-93: *Experimental Pragmatics with Machines: Testing LLM Predictions for the Inferences of Plain and Embedded Disjunctions*

Presenting Author: **Polina Tsvilodub**, *University of Tübingen*

Polina Tsvilodub: *University of Tübingen*; **Paul Marty**: *University of Malta*; **Sonia Ramotowska**: *University of Amsterdam*; **Jacopo Romoli**: *Heinrich Heine Universität Düsseldorf*; **Michael Franke**: *University of Tübingen*

P1-EE-94: *Is there flexibility in Letter-Position Encoding in Hindi? Evidence from masked form priming study*

Presenting Author: **Suraj Kumar**, *Indian Institute of Technology Kanpur*

Suraj Kumar: *Indian Institute of Technology Kanpur*; **Anurag Khare**: *Indian Institute of Technology Kanpur*; **Ark Verma**: *Indian Institute of Technology Kanpur*

P1-EE-95: *Rounding and magnitude: Pragmatic halos are bigger for larger numbers*

Presenting Author: **Bodo Winter**, *University of Birmingham*

Bodo Winter: *University of Birmingham*; **Greg Woodin**: *University of Birmingham*; **Alexandra Lorson**: *University of Groningen*

P1-EE-96: *"Wrongful discrimination" - a tautological claim? An empirical study of the evaluative dimension of discrimination vocabulary*

Presenting Author: **Kevin Reuter**, *University of Zurich*

Pascale Willemsen: *University of Zurich*; **Simone Sommer Degn**: *Aalborg University*; **Jan García Olier**: *University of Zurich*; **Kevin Reuter**: *University of Zurich*

P1-EE-97: *Evidence from eye-tracking on the processing of quotation marks in German*

Presenting Author: **Natascha Raue**, *University of Kassel*

Natascha Raue: *University of Kassel*; **Holden Haertl**: *University of Kassel*; **Alvaro Cortés Rodríguez**: *University of Potsdam*

P1-EE-98: *Some but not all speakers sometimes but not always derive scalar implicatures*

Presenting Author: **Sonia Ramotowska**, *University of Amsterdam*

Sonia Ramotowska: *University of Amsterdam*; **Paul Marty**: *University of Malta*; **Leendert van Maanen**: *Utrecht University*; **Yasutada Sudo**: *University College London*

P1-EE-99: *Do Rhymes Enhance Memory Processes? Real word and pseudoword recall in rhyming conditions*

Presenting Author: **Klára Enikő Finta**, *University of Vienna*

Klára E. Finta: *University of Vienna*; **Tecumseh Fitch**: *University of Vienna*

P1-EE-100: *The Benefits and Role of Bilingualism in Indian Schoolchildren with Low Vision Impairment.*

Presenting Author: **Dr Shiva Ram Male**, *M.S, PhD, University of Hyderabad*

Male Shiva Ram M.S, PhD: *University of Hyderabad*; **PHANI KRISHNA**: *University of Delhi*; **Baskar Theagarayan**: *University of Huddersfield*

P1-EE-101: *The facilitating effect of generics on inductive reasoning in 3 to 5 years old children: interindividual variability and domain-specificity*

Presenting Author: **Sabrina Boulkour**, *Université de Bourgogne*

Sabrina Boulkour: *Université de Bourgogne*; **Jean-Pierre Thibaut**: *University of Bourgogne Franche-Comté*; **Lafraire Jérémie**: *Institut Paul Bocuse*

P1-EE-102: *Domain-general categorisation principles explain the prevalence of animacy and absence of colour in noun classification systems*

Presenting Author: **Ponrawee Prasertsom**, *University of Edinburgh*

Ponrawee Prasertsom: *University of Edinburgh*; **Kenny Smith**: *University of Edinburgh*; **Jennifer Culbertson**: *University of Edinburgh*

P1-EE-103: *Development of Hindi Pragmatic Language Skills in Indian Children*

Presenting Author: **Afreen Fatima**, *University of Delhi*

Afreen Fatima: *University of Delhi*; **Nandita Babu**: *University of Delhi*

P1-EE-104: *"They Say" Makes Good Liars: An Investigation on Evidentiality in Language and Deception*

Presenting Author: **Cagla Aydin**, *Sabanci University*

Cagla Aydin: *Sabanci University*; **Dr Seçkin Arslan**: *Université Côte d'Azur*; **Selma Berfin Tanis**: *Sabanci University*; **Şeyma Kalender**: *Sabanci University*; **Ayberk Kaan Güneş**: *Sabancı University*

P1-EE-105: *Typological Prevalence Hypothesis: The Case of Kinship*

Presenting Author: **Jules Torgue**, *The University of Edinburgh*

Jules Torgue: *The University of Edinburgh*; **Rosalind Owen**: *University of Edinburgh*; **Francis Mollica**: *University of Melbourne*

P1-EE-106: *Building and Validating Multiword Expression Lexicons with a Case Study on Language and Conspiracy Theories*

Presenting Author: **Emily Klein**, *University at Albany*

Emily Klein: *University at Albany*

P1-EE-107: *Spatial Demonstratives and Perspective Taking in Japanese and English*

Presenting Author: **Harmen Gudde**, *Utrecht University*

Harmen Gudde: *Utrecht University*; **Kenny R Coventry**: *University of East Anglia*

P1-EE-108: *Do 14-17-Month-Old Infants Use Iconic Cues to Interpret Words?*

Presenting Author: **Suzanne Aussems**, *University of Warwick*

Suzanne Aussems: *University of Warwick*; **Lottie Devey Smith**: *University of Exeter*; **Sotaro Kita**: *University of Warwick*

P1-EE-109: *Weighted parameters in demonstrative use: The case of Spanish teens and adults*

Presenting Author: **Paula Rubio-Fernandez**, *University of Oslo*

Camilo R. Ronderos: *University of Oslo*; **Yayun Zhang**: *Max Planck Institute for Psycholinguistics*; **Paula Rubio-Fernández**: *Max Planck Institute for Psycholinguistics*

P1-EE-110: *Engaging Nonverbal Theory-of-Mind Boosts Novel Word Retention in Adults*

Presenting Author: **Katherine Trice**, *Northeastern University*

Katherine Trice: *Northeastern University*; **Emily Cohen**: *Northeastern University*; **Zhenghan Qi**: *Northeastern University*

P1-EE-111: *Spatial category learning: the influence of noise and familiarity on individuals*

Presenting Author: **David Heath**, *University of Memphis*

David Heath: *University of Memphis*; **Stephanie Huette**: *University of Memphis*

P1-EE-112: *Differences in the gesture kinematics of blind, blindfolded, and sighted speakers*

Presenting Author: **Ezgi Mamus**, *Max Planck Institute for Psycholinguistics*

Ezgi Mamus: *Max Planck Institute for Psycholinguistics*; **Mounika Kanakanti**: *Max Planck Institute for Psycholinguistics*; **Asli Özyürek**: *Max Planck Institute*

P1-EE-113: *Spatial Term Variety Reflected in Eye Movements on Visual Scenes*

Presenting Author: **Cengiz Acarturk**, *Jagiellonian University*

Cengiz Acarturk: *Jagiellonian University*; **Seyma Nur Ertekin**: *University of Amsterdam*

P1-EE-114: *Exploring the flexibility of perspective reasoning: Evidence from pronoun resolution*

Presenting Author: **Tiana V. Simovic**, *University of Toronto*

Tiana V. Simovic: *University of Toronto*; **Craig Chambers**: *University of Toronto*

P1-EE-115: *Predictive processing suppresses form-related words with overlapping onsets*

Presenting Author: **Katja I. Haeuser**, *Saarland University*

Katja Haeuser: *Saarland University*; **Arielle Borovsky**: *Purdue University*

P1-EE-116: *Coordination, rather than pragmatics, shapes colexification when the pressure for efficiency is low*

Presenting Author: **Alexey Koshevoy**, *Université Aix-Marseille/CNRS*

Alexey Koshevoy: *Université Aix-Marseille/CNRS;* **Isabelle Dautriche**: *Université Aix-Marseille/CNRS;* **Olivier Morin**: *PSL University;* **Kenny Smith**: *University of Edinburgh*

P1-EE-117: *GAIA: A Givenness Hierarchy Theoretic Model of Situated Referring Expression Generation*

Presenting Author: **Mark Higger**, *Colorado School of Mines*

Mark Higger: *Colorado School of Mines;* **Tom Williams**: *Colorado School of Mines*

P1-JJ-118: *How do brain maps affect neuroscientific investigation? A study with novices*

Presenting Author: **Marina Dubova**, *Indiana University Bloomington*

Marina Dubova: *Indiana University Bloomington;* **Robert Goldstone**: *Indiana University*

P1-JJ-119: *Questioning Two Common Assumptions concerning Group Agency and Group Cognition*

Presenting Author: **Zachary Peck**, *University of Cincinnati*

Zachary Peck: *University of Cincinnati;* **Anthony Chemero**: *University of Cincinnati*

P1-JJ-120: *Deriving beliefs about children's moral responsibility from capacity beliefs*

Presenting Author: **Junyu Li**, *Max Planck Institute for Evolutionary Anthropology*

Junyu Li: *Max Planck Institute for Evolutionary Anthropology;* **Susanne Hardecker**: *SRH University of Applied Sciences;* **Daniel Benjamin Moritz Haun**: *Max Planck Institute for Evolutionary Anthropology;* **Manuel Bohn**: *Leuphana University Lüneburg*

P1-JJ-121: *Personality Traits, Locus of Control, and Susceptibility to Social Influence in Agency Judgments*

Presenting Author: **Mark Wulff Carstensen**, *Institut Jean-Nicod*

Mark Wulff Carstensen: *Institut Jean-Nicod*

P1-JJ-122: *Self-Other Perspective Taking and the Development of Perspective Understanding*

Presenting Author: **Julia Wolf**, *Ruhr University Bochum*

Julia Wolf: *Ruhr University Bochum*

P1-JJ-123: *Diversity versus diffusion in group problem solving*

Presenting Author: **Samuli Reijula**, *University of Luxembourg*

Nicolas Jonard: *University of Luxembourg;* **Samuli Reijula**: *University of Helsinki;* **Luigi Marengo**: *LUISS*

P1-LL-124: *Your intentions matter! The selection of an orthogonal feature of an intended object influences attentional control.*

Presenting Author: **Dr. Devpriya Kumar**, *Indian Institute of Technology, Kanpur*

Niteesh Deep Sharma: *Indian Institute of Technology, Kanpur;* **Devpriya Kumar**: *Indian Institute of Technology;* **Narayanan Srinivasan**: *Indian Institute of Technology*

P1-LL-125: *Novelty Drives Exploration in Early Development in a Bottom-up Manner*

Presenting Author: **Mengcun Gao**, *The Ohio State University*

Mengcun Gao: *The Ohio State University;* **Vladimir Sloutsky**: *The Ohio State University*

P1-LL-126: *Children track variability in adult attention and plan interventions accordingly*

Presenting Author: **Shengyi Wu**, *Massachusetts Institute of Technology*

Shengyi Wu: *Massachusetts Institute of Technology;* **Laura Schulz**: *Massachusetts Institute of Technology*

P1-LL-127: *Dynamics of spontaneous thoughts and its link to the attentional profile*

Presenting Author: **Adrien Kérébel**, *Ecole Normale Supérieure (ENS)*

Adrien Kérébel: *Ecole Normale Supérieure (ENS);* **Jerome Sackur**: *Ecole des Hautes Etudes en Sciences Sociales*

P1-LL-128: *Does Bilingualism Affect Face Perception in Preschoolers?*

Presenting Author: **Ricarda Brieke**, *University College London (UCL)*

Ricarda Brieke: *University College London (UCL);* **Chunru Wang**: *UCL;* **Lasana Harris**: *UCL*

P1-LL-129: *Does Taking Photographs Impair Your Memory? The Role of Attentional Disengagement*

Presenting Author: **Marc Croes**, *Erasmus University Rotterdam*

Simon Braun: *Erasmus University Rotterdam;* **Marc Croes**: *Erasmus University Rotterdam;* **Rugile Vaitkunaite**: *Erasmus University Rotterdam;* **Steven Verheyen**: *Erasmus University Rotterdam*

P1-LL-130: *Using Spatial Context to Facilitate Inductive Inference for Word Learning*

Presenting Author: **Sophie Domanski**, *University of Maryland*

Sophie Domanski: *University of Maryland;* **Yi Ting Huang**: *University of Maryland*

P1-LL-132: *Real-World Visual Search in individuals with ASD*

Presenting Author: **Alice Yumeng Yang**, *University of Hong Kong*

Alice Yang: *University of Hong Kong;* **Janet Hsiao**: *Hong Kong University of Science & Technology*

P1-LL-133: *Pitch Expectancy Modulates Cross-Modal Correspondence Effect*

Presenting Author: **Armina Janyan**, *New Bulgarian University*

Lazarina Ivanova Georgieva: *New Bulgarian University*; **Armina Janyan**: *New Bulgarian University*

P1-LL-134: *Capturing Asymmetric Bias in Probability Judgements*

Presenting Author: **Aidan Tee**, *University of Warwick*

Aidan Tee: *University of Warwick*; **Joakim Sundh**: *Uppsala University*; **Adam Sanborn**: *University of Warwick*; **Nick Chater**: *University of Warwick*

P1-LL-135: *Relative Rank Predicts Judgements About Others' Pro-Environmental Behavior*

Presenting Author: **Harry D. Coulson**, *University College London*

Harry D. Coulson: *University College London*; **Adam Harris**: *University College London*

P1-LL-136: *Decision Making in Applied Contexts: The Dynamic Relations Between Signals and Stakes*

Presenting Author: **Jingqi Yu**, *University of Toronto*

Jingqi Yu: *University of Toronto*

P1-LL-137: *Towards an integration of verbal and formal theories of decisions under risk and uncertainty*

Presenting Author: **Aaron Benjamin Lob**, *University of Zurich*

Aaron Benjamin Lob: *University of Zurich*; **Olivia Fischer**: *University of Zurich*; **Renato Frey**: *University of Zurich*

P1-LL-138: *Do default nudges lead people to make choices inconsistent with their preferences: An experimental investigation*

Presenting Author: **Shuma Iwatani**, *The University of Tokyo*

Shuma Iwatani: *The University of Tokyo*; **Hidehito Honda**: *Otemon Gakuin University*; **Yurina Otaki**: *Hitotsubashi University*; **Kazuhiro Ueda**: *The University of Tokyo*

P1-LL-139: *On the nature of recency after rare events in decisions from experience*

Presenting Author: **Yujia Yang**, *Max Planck Institute for Human Develpoment*

Yujia Yang: *Max Planck Institute for Human Develpoment*; **Anna Isabel Thoma**: *Max-Planck-Institute for Human Development*; **Ralph Hertwig**: *Max Planck Institute for Human Development*; **Dirk U Wulff**: *Max Planck Institute for Human Development*

1-LL-140: *To observe or to bet? Investigating purely exploratory and purely exploitative actions in children, adults, and computational models.*

Presenting Author: **Eunice Yiu**, *UC Berkeley*

Eunice Yiu: *UC Berkeley*; **Kai J Sandbrink**: *University of Oxford*; **Alison Gopnik**: *University of California at Berkeley*

P1-LL-141: *Cognitive reflection and Normality Identities: two new benchmarks for models of probability judgments*

Presenting Author: **Jiaqi Huang**, *Indiana University*

Jiaqi Huang: *Indiana University*; **Jerome Busemeyer**: *Indiana University*; **Zo Ebelt**: *City, University of London*; **Emmanuel Pothos**: *City, University of London*

P1-LL-142: *It's only easy when you know why that's the answer. Measuring conceptual understanding through instruction rechecking*

Presenting Author: **Thomas C Ormerod**, *London Metropolitan*

Wendy Ross: *London Metropolitan*; **Thomas C Ormerod**: *University of Sussex*

P1-LL-143: *People Need About Five Seconds to be Random: Autocorrelated Sampling Algorithms Can Explain Why*

Presenting Author: **Lucas Castillo**, *University of Warwick*

Lucas Castillo: *University of Warwick*; **Pablo Leon Villagra**: *Brown University*; **Johanna Falben**: *University of Amsterdam*; **Nick Chater**: *University of Warwick*; **Adam Sanborn**: *University of Warwick*

P1-LL-144: *Revealing the Dynamics of Medical Diagnostic Reasoning as Step-by-Step Cognitive Process Trajectories*

Presenting Author: **Dominik Battefeld**, *Research Center Cognitive Interaction Technology (CITEC), Bielefeld University*

Dominik Battefeld: *Research Center Cognitive Interaction Technology (CITEC), Bielefeld University*; **Sigrid Mues**: *Dpt. of Neurology, Ruhr-Epileptology*; **Tim Wehner**: *University Hospital Knappschaftskrankenhaus Bochum, Dept. of Neurology, Ruhr-Epileptology, Bochum*

P1-LL-145: *Individually-optimal causal structure judgments in a descriptive Bayesian model*

Presenting Author: **Derek Powell**, *Arizona State University*

Derek Powell: *Arizona State University*

P1-LL-146: *How beliefs around peers' risk preferences get incorporated into adolescents' decision making*

Presenting Author: **Yelina Yiyi Chen**, *Harvard University*

Yeline Yiyi Chen: *Harvard University*; **Gail M Rosenbaum**: *New York University*; **Haoxue Fan**: *Harvard University*; **Tianxiang Li**: *Harvard University*; **John Flournoy**: *Harvard University*; **Patrick Mair**: *Harvard University*; **Leah Somerville PhD**: *Harvard University*

P1-LL-147: *Learning Type-Based Compositional Causal Rules*

Presenting Author: **Feng Cheng**, *New York University*

Feng Cheng: *New York University*; **Bob Rehder**: *New York University*

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P1-LL-148: *Whodunnit? Inferring what happened from multimodal evidence*

Presenting Author: **Sarah A Wu**, *Stanford University*

Sarah A Wu: *Stanford University*; **Erik Brockbank**: *Stanford University*; **Hannah Cha**: *Stanford University*; **Jan-Philipp Fränken**: *University of Edinburgh*; **Emily Jin**: *Stanford University*; **Zhuoyi Huang**: *Stanford*; **Weiyu Liu**: *Stanford University*; **Ruohan Zhang**: *Stanford University*

P1-LL-149: *Understanding Time in Children's Mind: Development of Mental Timelines on Three-dimensional Axes*

Presenting Author: **Jiayu Jiang**, *Syracuse University*

Jiayu Jiang: *Syracuse University*; **Yan Gu**: *UCL*

P1-LL-150: *The Cognitive Precursors of Early Developing Essentialist Beliefs*

Presenting Author: **Michelle Wang**, *New York University*

Michelle Wang: *New York University*; **Yian Xu**: *Kennesaw State University*; **Kelsey Moty**: *New York University*; **Marjorie Rhodes*: *New York University*

P1-LL-151: *Do children predict the sunk cost bias if prompted to consider effort and emotion?*

Presenting Author: **Claudia G. Sehl**, *University of Waterloo*

Claudia G. Sehl: *University of Waterloo*; **Stephanie Denison**: *University of Waterloo*; **Ori Friedman**: *University of Waterloo*

P1-LL-152: *"I should have known!" How foreseeability influences children's experiences of regret*

Presenting Author: **Alicia K Jones**, *The University of Queensland*

Alicia K Jones: *The University of Queensland*; **Shalini Gautam**: *Boston College*; **Jonathan Redshaw**: *University of Queensland*

P1-LL-153: *The Impact of COVID infection on Cognition in 6-12 Year Old Children*

Presenting Author: **Lucy Cheke**, *University of Cambridge*

Lucy G Cheke: *University of Cambridge*; **Sabine Yeung**: *University of Cambridge*; **Seraphina Zhang**: *University of Cambridge*; **Emma JL Weisblatt MRCPsych PhD**: *University of Cambridge*; **Mirjana Bozic**: *University of Cambridge*; **Zoe Hemsley**: *University of Cambridge*;

P1-LL-154: *Are toddlers intrinsically motivated to explore their own competence?*

Presenting Author: **Bonan Zhao**, *Princeton University*

Bella Fascendini: *Princeton University*; **Bonan Zhao**: *Princeton University*; **Natalia A Vélez**: *Princeton University*

P1-LL-155: *Children use positive prescriptive information when asked to predict random samples*

Presenting Author: **Jonathan F. Kominsky**, *Central European University*

Jonathan F. Kominsky: *Central European University*; **Joshua Knobe**: *Yale University*; **Elizabeth Bonawitz**: *Harvard Graduate School of Education*

P1-LL-156: *Not stages, but variability ranges? Cognitive variability bridging complexity science and 'Piaget's new theory'*

Presenting Author: **Marije ten Den**, *University of Groningen*

Marije B. ten Den: *University of Groningen*; **Lisette De Jonge-Hoekstra**: *University of Groningen*; **Marijn van Dijk**: *University of Groningen*; **Jeremy Trevelyan Burman PhD**: *University of Groningen*; **Ralf F.A. Cox**: *University of Groningen*

P1-LL-157: *The observation of giving induces infants to track individuals*

Presenting Author: **Denis Tatone**, *Central European University*

Denis Tatone: *Central European University*; **Gergely Csibra**: *Central European University*; **Jun Yin**: *Ningbo University*

P1-LL-158: *Revisiting the Role of Observational Contexts for Learning Hard Nouns*

Presenting Author: **Kosta Boskovic**, *University of Connecticut*

Kosta Boskovic: *University of Connecticut*; **Sumarga H. Suanda**: *University of Connecticut*

P1-LL-159: *Young children adapt their search behavior for necessary versus merely possible outcomes*

Presenting Author: **Luisa Andreuccioli**, *University of California San Diego*

Luisa Andreuccioli: *University of California San Diego*; **Sophie Mazor**: *University of California, San Diego*; **Katarina Begus**: *University of Copenhagen*; **Elizabeth Bonawitz**: *Harvard University*; **Stephanie Denison**: *University of Waterloo* ; **Caren M. Walker**: *University of California San Diego*

P1-LL-160: *Children's representations of adults' gender stereotypes*

Presenting Author: **Mika Asaba**, *Yale University*

Mika Asaba: *Yale University*; **Marianna Y. Zhang**: *Stanford University*; **Julia Anne Leonard**: *Yale University*

P1-LL-161: *Cross-Cultural Insights into Body Part Naming*

Presenting Author: **Annika Tjuka**, *Max Planck Institute for Evolutionary Anthropology*

Annika Tjuka: *Max Planck Institute for Evolutionary Anthropology*

P1-LL-162: *Examining the Relationship Between Selective Attention and the Formation of Learning Traps*

Presenting Author: **Yanjun Liu**, *University of New South Wales*

Yanjun Liu: *University of New South Wales*; **Ben Newell**: *University of New South Wales*; **Jaimie E Lee**: *University of New South Wales* ; **Brett Hayes**: *University of New South Wales*

P1-LL-163: *Rapid parallel processing dynamics during hierarchical category decisions*

Presenting Author: **Juliana E. Trach**, *Yale University*

Juliana E. Trach: *Yale University*; **Samuel David McDougle**: *Yale Univeristy*

P1-LL-164: *Does active learning lead to better teaching of novel perceptual categories?*

Presenting Author: **Oana Stanciu**, *Central European University*

Oana Stanciu: *Central European University*; **Jozsef Fiser**: *Central European University*

P1-LL-166: *Awareness of Experimentally Created Implicit Attitudes: Large-Scale Tests in Three Paradigms*

Presenting Author: **Benedek Kurdi**, *University of Illinois*

Benedek Kurdi: *University of Illinois*; **David Melnikoff**: *Stanford University*; **Adam Morris**: *Princeton University*

P1-LL-167: *Moderating Effect of Novelty Seeking Trait on the Usefulness Undervaluation Bias in Creative Products Evaluation*

Presenting Author: **Eline Aya Hattori**, *Nagoya University*

Eline Aya Hattori: *Nagoya University*; **Mayu Yamakawa**: *Nagoya University*; **Kazuhisa Miwa**: *Nagoya University*

P1-LL-168: *Using Puzzle Video Games to Study Cognitive Processes in Human Insight and Creative Problem-Solving*

Presenting Author: **Matthias Scheutz**, *Tufts University*

Vasanth Sarathy: *Tufts University*; **Nicholas Rabb**: *Tufts University*; **Daniel M Kasenberg**: *Tufts University*; **Matthias Scheutz**: *Tufts University*

P1-LL-169: *Mental Sampling in Preferential Choice: Specifying the Sampling Algorithm*

Presenting Author: **Jake Spicer**, *University of Warwick*

Jake Spicer: *University of Warwick*; **Yun-Xiao Li**: *University of Warwick*; **Lucas Castillo**: *University of Warwick*; **Johanna Falben**: *University of Amsterdam*; **Cheng Stella Qian**: *Psychology*; **Jian-Qiao Zhu**: *Princeton University*; **Nick Chater**: *University of Warwick*;

P1-LL-170: *Benford's Law: Testing the Effects of Distributions and Anchors on Number Estimation*

Presenting Author: **Duyi Chi**, *The Univerisity of Sydney*

Duyi Chi: *The Univerisity of Sydney*; **Bruce Burns**: *The University of Sydney*

P1-LL-171: *Impact of Latent State Cues on Behavior in Repeated Games*

Presenting Author: **Ismail Guennouni**, *University College London*

Ismail Guennouni: *University College London*; **Maarten Speekenbrink**: *University College London*; **Kaitlyn Ng**: *University College London*

P1-LL-172: *Uncertain Identity Inference in a Biased Media Landscape: An Agent-Based Model of Identity Signalling, Moral Values, and Political Polarisation*

Presenting Author: **Julie M. E. Pedersen**, *University of Edinburgh*

Julie Maria Ejby Pedersen: *University of Edinburgh*; **Adam Moore**: *University of Edinburgh*

P1-LL-174: *Reaching Consensus through Theory of Mind in Social Networks with Locally Distributed Interactions*

Presenting Author: **Daphne Barretto**, *Princeton University*

Daphne Barretto: *Princeton University*; **Raja Marjieh**: *Princeton University*; **Tom Griffiths**: *Princeton University*

P1-LL-175: *Adapt/Exchange decisions or generic choices: Does framing influence how people integrate qualitatively different risks?*

Presenting Author: **Romy Müller**, *Technische Universität Dresden*

Romy Müller: *Technische Universität Dresden*; **Alexander Blunk**: *Technische Universität Dresden*

P1-LL-176: *Trust Resilience in Pedagogical Agents: Will Anthropomorphism Help Against Trust Decline?*

Presenting Author: **Fransisca Hapsari**, *Technische Universität Darmstadt*

Fransisca Hapsari: *Technische Universität Darmstadt*; **Ronja Isabella Stemler**: *Technische Universität Darmstadt*; **Stephanie Pieschl**: *Technische Universität Darmstadt*

P1-LL-177: *Coordination in dynamic interactions by converging on tacitly agreed joint plans*

Presenting Author: **Arthur Le Pargneux**, *University of Warwick*

Arthur Le Pargneux: *University of Warwick*; **Hossam Zeitoun**: *University of Warwick*; **Emmanouil Konstantinidis**: *University of Warwick*; **Nick Chater**: *University of Warwick*

P1-LL-178: *Social learning functions as an exploration tool in correlated environments*

Presenting Author: **Alexandra Witt**, *University of Tübingen*

Alexandra Witt: *University of Tübingen*; **Wataru Toyokawa**: *RIKEN Center for Brain Science*; **Kevin N Lala**: *University of St Andrews*; **Wolfgang Gaissmaier**: *University of Konstanz*; **Charley M Wu**: *University of Tübingen*

P1-LL-179: *Intentional commitment as a spontaneous presentation of self*

Presenting Author: **Shaozhe Cheng**, *Zhejiang University*

Shaozhe Cheng: *Zhejiang University*; **Jingyin Zhu**: *Zhejiang University*; **Jifan Zhou**: *Zhejiang University*; **Mowei Shen**: *Zhejiang University*; **Tao Gao**: *University of California - Los Angeles*

P1-LL-180: *Probability, but not utility, influences repeated mental simulations of risky events*

Presenting Author: **Yun-Xiao Li**, *University of Warwick*

Yun-Xiao Li: *University of Warwick*; **Johanna Falben**: *University of Amsterdam*; **Lucas Castillo**: *University of Warwick*; **Jake Spicer**: *University of Warwick*; **Jian-Qiao Zhu**: *Princeton University*; **Nick Chater**: *University of Warwick*; **Adam Sanborn**: *University of Wa*

P1-LL-181: *Logical language and the development of reasoning by the disjunctive syllogism*

Presenting Author: **Myrto Grigoroglou**, *University of Toronto*

Myrto Grigoroglou: *University of Toronto*; **Salima Hackeek**: *University of Toronto*; **Patricia Ganea**: *University of Toronto*

POSTER SESSIONS

P1-LL-182: *Children spontaneously discover efficient sorting algorithms in a seriation task*

Presenting Author: **Huiwen Alex Yang**, *University of California, Berkeley*

Huiwen Alex Yang: *University of California, Berkeley*; **Bill Thompson**: *University of California, Berkeley*; **Celeste Kidd**: *University of California, Berkeley*

P1-LL-183: *The Role of Gender and Curriculum in Mental Rotation & Perspective Taking*

Presenting Author: **Elena Andonova**, *New Bulgarian University*

Elena Andonova: *New Bulgarian University*

P1-LL-184: *Is outgroup fear contagious? Vicariously acquired fears to outgroup faces resist extinction, but the effect is mitigated by other-oriented empathy*

Presenting Author: **David Bosch**, *New York University*

David A. Bosch: *New York University*; **Andreas Olsson**: *Clinical Neuroscience, Division Psychology*

P1-LL-185: *Event Cognition and Holistic versus Fragmented Remembering and Forgetting*

Presenting Author: **Gabriel A. Radvansky**, *University of Notre Dame*

Daniela Parra: *University of Notre Dame*; **Nicole Antes**: *Leibniz-Institut für Wissensmedien*; **Gabriel A. Radvansky**: *University of Notre Dame*

P1-LL-186: *Why are they saying this? The perceived motives behind online posting and their psychological consequences*

Presenting Author: **Viola Pucci**, *The University of Melbourne*

Viola Pucci: *The University of Melbourne*; **Andrew Perfors**: *University of Melbourne*; **Yoshihisa Kashima**: *University of Melbourne*

P1-LL-187: *The Pretesting Effect: Exploring the Impact of Feedback and Final Test Timing*

Presenting Author: **Yeray Mera**, *University of the Basque Country UPV/EHU*

Yeray Mera: *University of the Basque Country UPV/EHU*; **Nataliya Dianova**: *University of the Basque Country UPV/EHU*; **Eugenia Marin**: *University of the Basque Country UPV/EHU*

P1-LL-189: *Co-speech gestures complement motion state information expressed by verbs*

Presenting Author: **Hina Kimura**, *Graduate School of Tokyo Denki University*

Hina Kimura: *Graduate School of Tokyo Denki University*; **Tetsuya Yasuda**: *University of Tokyo*; **Harumi Kobayashi**: *Tokyo Denki University*

P1-LL-190: *Effect of similarity and training experiences on new vocabulary learning*

Presenting Author: **Megan Waller**, *Carnegie Mellon University*

Megan Waller: *Carnegie Mellon University*; **Dan Yurovsky**: *Carnegie Mellon University*; **Nazbanou Nozari**: *Indiana University*

P1-LL-191: *Semantic and Visual Features Drive the Intrinsic Memorability of Co-Speech Gestures*

Presenting Author: **Xiaohan (Hannah) Guo**, *The University of Chicago*

Xiaohan (Hannah) Guo: *The University of Chicago*; **Wilma Bainbridge**: *University of Chicago*; **Susan Goldin-Meadow**: *University of Chicago*

P1-LL-192: *Practicing deception does not make you better at handling it*

Presenting Author: **Manikya Alister**, *The University of Melbourne*

Manikya Alister: *The University of Melbourne*; **Keith James Ransom**: *University of Adelaide*; **Andrew Perfors**: *University of Melbourne*

P1-LL-193: *Roles guide rapid inferences about agent knowledge and behavior*

Presenting Author: **Aaron Baker**, *Yale University*

Aaron Baker: *Yale University*; **Yarrow Dunham**: *Yale University*; **Julian Jara-Ettinger**: *Yale University*

P1-LL-194: *Exposure to the ideas of others in idea generation*

Presenting Author: **Sachiko Kiyokawa**, *The University of Tokyo*

Sachiko Kiyokawa: *The University of Tokyo*

P1-LL-195: *Navigating Health Claims on Social Media: Reasoning from Consensus Quantity and Expertise*

Presenting Author: **Benjamin Paul Simmonds**, *The University of Adelaide*

Benjamin P Simmonds: *The University of Adelaide*; **Keith James Ransom**: *University of Adelaide*; **Rachel Stephens**: *University of Adelaide*

P1-LL-197: *How taking turns communicates desired equality in social relationships*

Presenting Author: **Alicia Chen**, *MIT*

Alicia M Chen: *MIT*; **Rebecca Saxe**: *MIT*

P1-LL-198: *Sequence patterns in the recall of friendship relations*

Presenting Author: **Zoran Kovacevic**, *ETH Zürich*

Zoran Kovacevic: *ETH Zürich*; **Christoph Stadtfeld**: *ETH Zürich*

P1-OO-199: *Assessing the Impact of Cognitive Manipulation Techniques on the Command and Control Process: An Exploration Based on QFD Model*

Presenting Author: **Yazhou Sun**, *Military Science Information Research Center*

Yazhou Sun: *Military Science Information Research Center*; **Xiaosong Li**: *Military Science Information Research Center*

COGSCI2024
DYNAMICS OF
COGNITION
July 24-27 • Rotterdam

POSTER SESSION 2:
FRIDAY, JULY 26 13:00–14:15

P2-A-200: *Using mobile fNIRS to explore the development of goal-directed action sequence planning in freely moving preschoolers.*

Presenting Author: **Lisanne Schroer**, *Erasmus University Rotterdam*

Lisanne Schroer: *Erasmus University Rotterdam*; **Paola Pinti**: *Birkbeck, University of London*; **Richard P Cooper**: *Birkbeck, University of London*; **Denis Mareschal**: *Birkbeck, University of London*

P2-A-201: *If it looks like online control, it is probably model-based control*

Presenting Author: **Dominik Straub**, *Technical University of Darmstadt*

Dominik Straub: *Technical University of Darmstadt*; **Constantin Rothkopf**: *Technical University of Darmstadt*

P2-A-202: *The role of spatial knowledge in the on-line control of high-speed steering*

Presenting Author: **Grace Catherine Roessling**, *Rensselaer Polytechnic Institute*

Grace Roessling: *Rensselaer Polytechnic Institute*; **Brett Fajen**: *Rensselaer Polytechnic Institute*

P2-C-203: *Assessing Common Ground through Language-based Cultural Consensus in Humans and Large Language Models*

Presenting Author: **Sophie Domanski**, *University of Maryland*

Sophie Domanski: *University of Maryland*; **Rachel Rudinger**: *University of Maryland College Park*; **Marine Carpuat**: *University of Maryland*; **Patrick Shafto**: *Rutgers University - Newark*; **Yi Ting Huang**: *University of Maryland College Park*

P2-C-204: *Ecological relativity of spatial cognition: Humans think about space egocentrically in urban environments*

Presenting Author: **Tyler Marghetis**, *University of California, Merced*

Tyler Marghetis: *University of California, Merced*; **Alyssa Viviana Ortega**: *University of California, Merced*; **Kevin J. Holmes**: *Reed College*

P2-C-205: *Understanding exact large number is possible in Amazonian languages*

Presenting Author: **Vera da Silva Sinha**, *University of Oxford*

Vera Da Silva Sinha: *University of Oxford*; **Wary Kamaiura Sabino**: *Secretaria Estadual de Educaçao*; **Silke M. Göbel**: *University of York*; **Asifa Majid**: *University of Oxford*

P2-C-206: *Human Perceptions of Canine Intelligence*

Presenting Author: **Miriam A. Ross**, *Daphna Buchsbaum, Bertram F. Malle, Brown University*

Miriam Ross: *Brown University* ; **Daphna Buchsbaum**: *Brown University*; **Bertram F. Malle**: *Brown University*

P2-C-207: *Eyes On the Past: visual exploration of Upper Palaeolithic cave art*

Presenting Author: **Frederieke Nicole Wullf; Sara Kjær Kristensen**, *Aarhus University*

Frederieke Nicola Wullf: *Aarhus University*; **Sara Kjær Kristensen**: *Aarhus University*; **Isobel Wisher**: *Aarhus University*; **Kristian Tylen**: *Aarhus University*

P2-C-208: *Is magnetoreception experience-dependent in humans?*

Presenting Author: **Yağmur Deniz Kısa**, *Max Planck Institute for Evolutionary Anthropology*

Yağmur Deniz Kısa: *Max Planck Institute for Evolutionary Anthropology*; **Roman Stengelin**: *Max Planck Institute for Evolutionary Anthropology*; **Luke Maurits**: *Max Planck Institute for Evolutionary Anthropology*; **Daniel Benjamin Moritz Haun**: *Max Planck Institute*

P2-C-209: *Rates of Spiritual Presence Events*

Presenting Author: **Eleanor B. Schille-Hudson**, *Stanford University*

Eleanor Brower Schille-Hudson: *Stanford University*; **Kara Weisman**: *University of California, Riverside*; **Tanya Luhrmann**: *Stanford*

P2-C-210: *Perceptual Similarity and the Relationship Between Folk and Scientific Bird Classification*

Presenting Author: **Zoë Amanda Wilson**, *University of Melbourne*

Zoë Amanda Wilson: *University of Melbourne*; **Charles Kemp**: *University of Melbourne*

P2-D-211: *Who, Where, and When: A Cross-cultural Analysis of Situational Changes in Comics*

Presenting Author: **Bien Klomberg**, *Tilburg University*

Bien Klomberg: *Tilburg University*; **Irmak Hacımusaoğlu**: *Tilburg University*; **Neil Cohn**: *Tilburg University*

P2-D-212: *Estimating a Time Series of Interpretation Indeterminacy in Reading a Short Story Using a Quantum Cognition Model*

Presenting Author: **Miho Fuyama**, *Ritsumeikan University*

Miho Fuyama: *Ritsumeikan University*

P2-E-213: *Relating Hopfield Networks to Episodic Control*

Presenting Author: **Hugo Chateau-Laurent**, *Inria centre at the university of Bordeaux*

Hugo Chateau-Laurent: *Inria centre at the university of Bordeaux*; **Frederic Alexandre**: *Inria centre at the university of Bordeaux*

P2-E-214: *Dynamic Causal Graph-Based Learning Approach for Predicting Cognitive Impairment in Middle-Aged and Older Adults*

Presenting Author: **Linna Wang**, *College of Computer Science, Sichuan University*

Linna Wang: *College of Computer Science, Sichuan University;* **Xinyu Guo**: *Department of Health Policy and Management, West China School of Public Health and West China Fourth Hospital, Sichuan University;* **Yunyi Zhou**: *College of Computer Science, Sichuan Uni*

P2-E-215: *Prediction of Users Perceptional State for Human-Centric Decision Support Systems in Complex Domains through Implicit Cognitive State Modeling*

Presenting Author: **Sergey Kovalchuk**, *Huawei*

Sergey Kovalchuk: *Huawei;* **Ashish Tara Shivakumar Ireddy**: *ITMO University*

P2-E-216: *Generative Semantic Transformation Process: A Case Study in Goal Prediction via Online Bayesian Language Inference*

Presenting Author: **John Muchovej**, *Yale University*

Lorenss Martinsons: *Yale University;* **John Muchovej**: *Yale University;* **Ilker Yildirim**: *Yale University*

P2-E-217: *Meta-learning emotional control in bandit tasks*

Presenting Author: **Prakhar Godara**, *TU Darmstadt*

Prakhar Godara: *TU Darmstadt*

P2-E-218: *Deep learning and the rules and statistics debate in cognitive science, applied to a simple case*

Presenting Author: **Juan C. Valle-Lisboa**, *Universidad de la República*

Juan C Valle-Lisboa: *Universidad de la República*

P2-E-219: *Evaluating human and machine understanding of data visualizations*

Presenting Author: **Arnav Verma**, *Stanford University*

Arnav Verma: *Stanford University;* **Kushin Mukherjee**: *University of Wisconsin-Madison;* **Christopher Potts**: *Stanford University;* **Elisa Kreiss**: *University of California, Los Angeles;* **Judith E. Fan**: *Stanford University*

P2-E-220: *Human feedback makes Large Language Models more human-like*

Presenting Author: **Pablo Contreras Kallens**, *Saarland University*

Pablo Contreras Kallens: *Saarland University;* **Ross Deans Kristensen-McLachlan**: *Aarhus University;* **Morten Christiansen**: *Cornell University*

P2-E-221: *Using Counterfactual Tasks to Evaluate the Generality of Analogical Reasoning in Large Language Models*

Presenting Author: **Martha Lewis**, *University of Bristol*

Martha Lewis: *University of Bristol;* **Melanie Mitchell**: *Santa Fe Institute*

P2-E-222: *Developing Object Permanence from Videos*

Presenting Author: **Martin V. Butz**, *University of Tübingen*

Frederic Becker: *University of Tübingen;* **Manuel Traub**: *Eberhard Karls University of Tübingen;* **Sebastian Otte**: *University of Lübeck;* **Martin V. Butz**: *University of Tuebingen*

P2-E-223: *The alignment problem in curriculum learning*

Presenting Author: **Patrick Shafto**, *Rutgers University - Newark*

Patrick Shafto: *Rutgers University - Newark;* **Benjamin Sheller**: *Rutgers University - Newark*

P2-E-224: *Towards Conscious RL Agents By Construction*

Presenting Author: **Asen Nachkov**, *INSAIT, Sofia University*

Asen Nachkov: *INSAIT, Sofia University*

P2-E-225: *Bridging the Measurement Gap: a Large Language Model Method of Assessing Open-Ended Question Complexity*

Presenting Author: **Tuval Raz**, *Technion - Israel Institute of Technology*

Tuval Raz: *Technion - Israel Institute of Technology;* **Simone Luchini**: *Pennsylvania State University;* **Roger Beaty**: *Pennsylvania State University;* **Yoed Kenett**: *Technion - Israel Institute of Technology*

P2-E-226: *CogSimulator: A Model for Simulating User Cognition & Behavior with Minimal Data for Tailored Cognitive Enhancement*

Presenting Author: **Bian Weizhen**, *Zhou Yubo, HKUST*

Weizhen Bian: *HKUST;* **Yubo Zhou**: *HKBU;* **Yuanhang Luo**: *PolyU;* **Ming Mo**: *LSE;* **Siyan Liu**: *NUS;* **Yikai Gong**: *HKBU;* **Ziyuan Luo**: *HKBU;* **Aobo Wang**: *NUS;* **Renjie Wan**: *HKBU*

P2-E-227: *Towards a Metacognitive Reinforcement Learning Approach for Planning in Adaptive Learning Systems*

Presenting Author: **Laura Marquez**, *Universidad de Antioquia*

Laura Marquez: *Universidad de Antioquia*

P2-E-228: *Channel-adaptive Graph Convolution based Temporal Encoder Network for EEG Emotion Recognition*

Presenting Author: **Renxi Guo**, *Nanchang University*

Renxi Guo: *Nanchang University;* **Hong Rao**: *Nanchang University;* **Panfeng An**: *Shanghai Jiaotong University;* **Wenying Duan**: *School of Mathematics and Computer Sciences;* **Shengbo Chen**: *Henan University;* **Gang Luo**: *Nanchang University*

P2-E-229: *Decoding Emotions in Abstract Art: Cognitive Plausibility of CLIP in Recognizing Color-Emotion Associations*

Presenting Author: **Hanna-Sophia Widhoelzl**, *University of Amsterdam*

Hanna-Sophia Widhoelzl: *University of Amsterdam;* **Ece Takmaz**: *Utrecht University*

P2-E-230: *UNIFIT: A Unified Framework For Instruction Tuning To Improve Instruction Following Ability For Large Language Models*

Presenting Author: **Qiang Huang**, *XinJiang university*

Qiang Huang: *XinJiang university*; **Feng Huang**: *Xinjiang university*; **DeHao Tao**: *Tsinghua University*; **BingKun Wang**: *Zhengzhou College of Finance and Economics*; **YongFeng Huang**: *TsingHua University*

P2-E-231: *Grounding Language about Belief in a Bayesian Theory-of-Mind*

Presenting Author: **Tan Zhi-Xuan**, *Harvard University*

Lance Ying: *Harvard University*; **Tan Zhi-Xuan**: *Massachusetts Institute of Technology* ; **Lionel Wong**: *Massachusetts Institute of Technology*; **Vikash Mansinghka**: *MIT*; **Josh Tenenbaum**: *MIT*

P2-E-232: *Harmonizing Program Induction with Rate-Distortion Theory*

Presenting Author: **Hanqi Zhou**, *David G. Nagy, University of Tübingen*

Hanqi Zhou: *University of Tübingen*; **David G. Nagy**: *University of Tübingen*; **Charley M Wu**: *University of Tübingen*

P2-E-233: *Creating Meaningful Word Vectors and Examining their use as Representations of Word Meaning*

Presenting Author: **Jerry T. Ball**, *Independent*

Jerry T. Ball: *Independent*; **Stuart Rodgers**: *Institute for Defense Analyses*; **Roger Schvaneveldt**: *Independent Researcher*; **Alan Ball**: *Independent Researcher*

P2-E-234: *Pragmatic Reasoning in GPT Models: Replication of a Subtle Negation Effect*

Presenting Author: **Francesca Capuano**, *University of Tübingen*

Francesca Capuano: *University of Tübingen*; **Barbara Kaup**: *University of Tübingen*

P2-E-235: *Multi-Agent Communication With Multi-Modal Information Fusion*

Presenting Author: **Han Wang**, *Xidian University*

Han Wang: *Xidian University*; **Yufeng Xie**: *Xidian University*; **BingCheng He**: *Xidian University*; **Prof. Qingshan Li**: *Xidian University*

P2-E-236: *Learning Part-whole Hierarchies from the Sequence of Handwriting*

Presenting Author: **Meng Li**, *University of Potsdam*

Meng Li: *University of Potsdam*; **David Schlangen**: *University of Potsdam*; **Dietrich Klakow**: *Saarland University*

P2-E-237: *Parallels between Neural Machine Translation and Human Memory Search: A Cognitive Modeling Approach*

Presenting Author: **Nikolaus Salvatore**, *Rutgers University*

Nikolaus Salvatore: *Rutgers University*; **Qiong Zhang**: *Rutgers University - New Brunswick*

P2-E-238: *Learning to Abstract Visuomotor Mappings using Meta-Reinforcement Learning*

Presenting Author: **Carlos A. Velazquez-Vargas**, *Princeton University*

Carlos Alan Velazquez-Vargas: *Princeton University*; **Isaac Christian**: *Princeton University*; **Jordan Taylor**: *Princeton University*; **Sreejan Kumar**: *Princeton Neuroscience Institute*

P2-E-239: *The Dynamics of Cooperation with Commitment in A Population of Heterogeneous Preferences--An ABM Study*

Presenting Author: **Jiang Zheng**, *Beijing University of Posts and Telecommunications*

Wei Wang: *Beijing University of Posts and Telecommunications*; **Luzhan Yuan**: *Beijing University of Posts and Telecommunications*; **Zheng Jiang**: *Beijing University of Posts and Telecommunications*; **Gaowei Zhang**: *Beijing University of Posts and Telecommunication*

P2-E-240: *Rethinking AI: Moving Beyond Humans as Exclusive Creators*

Presenting Author: **Renee Ye**, *Ruhr-Universität Bochum*

Renee Ye: *Ruhr-Universität Bochum*

P2-E-241: *Representation in Large Language Models*

Presenting Author: **Cameron C. Yetman**, *University of Toronto*

Cameron C Yetman: *University of Toronto*

P2-E-242: *Does Explainable AI Need Cognitive Models?*

Presenting Author: **Céline Budding**, *Eindhoven University of Technology*

Céline Budding: *Eindhoven University of Technology*; **Carlos Zednik**: *Eindhoven University of Technology*

P2-E-243: *AI Advice-Taking in Financial Decision-Making: The Role of Preference on Advice Integration*

Presenting Author: **Constanza Musso**, *City, University of London*

Constanza Musso: *City, University of London*

P2-E-244: *An Infant-Cognition Inspired Machine Benchmark for Identifying Agency, Affiliation, Belief, and Intention*

Presenting Author: **Wenjie Li**, *New York University*

Wenjie Li: *New York University*; **Shannon C Yasuda**: *New York University*; **Moira Rose Dillon**: *New York University*; **Brenden Lake**: *NYU*

P2-E-245: *Implementing Self Models Through Joint-Embedding Predictive Architecture*

Presenting Author: **Dezhi Luo**, *University of California, Santa Barbara*

Frances Jiang: *University of California, Santa Barbara*; **Dezhi Luo**: *University of Michigan*

P2-E-246: *The impact of Inter Stimulus Interval on Semantic Priming: hysteresis or adaptation? A SOM neural network model*

Presenting Author: **Valentina Gliozzi**, *University of Torino*

Valentina Gliozzi: *University of Torino*

P2-E-247: *Analyzing the Benefits of Prototypes for Semi-Supervised Category Learning*

Presenting Author: **Liyi Zhang**, *Princeton University*

Liyi Zhang: *Princeton University*; **Logan Richard Nelson**: *Princeton University*; **Tom Griffiths**: *Princeton University*

P2-E-248: *Creative goal generation in humans and language models*

Presenting Author: **Junyi Chu**, *Harvard University*

Junyi Chu: *Harvard University*; **Jennifer Hu**: *Harvard University*; **Tomer D. Ullman**: *Harvard University*

P2-E-249: *Stick to your Role! Stability of Personal Values Expressed in Large Language Models*

Presenting Author: **Grgur Kovač**, *INRIA*

Grgur Kovač: *INRIA*; **Rémy Portelas**: *Ubisoft*; **Masataka Sawayama**: *The University of Tokyo*; **Peter Ford Dominey**: *Universite Bourgogne*; **Pierre-Yves Oudeyer**: *INRIA*

P2-E-250: *Different Trajectories through Option Space in Humans and LLMs*

Presenting Author: **Alina Dracheva**, *Dartmouth College*

Alina Dracheva: *Dartmouth College*; **Jonathan Phillips**: *Dartmouth College*

P2-E-251: *How does working memory predict errors in Human-AI Interaction?*

Presenting Author: **Dr Anna-Stiina Wallinheimo**, *University of Surrey*

Anna-Stiina Wallinheimo: *University of Surrey*; **Dr Simon Evans**: *University of Surrey*; **Elena Davitti**: *University of Surrey*

P2-E-252: *The Wisdom of Partisan Crowds: Comparing Collective Intelligence in Humans and LLM-based Agents*

Presenting Author: **Timothy T Rogers**, *University of Wisconsin - Madison*

Yun-Shiuan Chuang: *University of Wisconsin - Madison*; **Nikunj Harlalka**: *University of Wisconsin - Madison*; **Siddharth Suresh**: *University of Wisconsin-Madison*; **Agam Goyal**: *University of Wisconsin - Madison*; **Robert Hawkins**: *University of Wisconsin - Madison*;

P2-E-253: *Do Saliency-Based Explainable AI Methods Help Us Understand AI's Decisions? The Case of Object Detection AI*

Presenting Author: **Ruoxi Qi**, *University of Hong Kong*

Ruoxi Qi: *University of Hong Kong*; **Guoyang Liu**: *Shandong University*; **Jindi Zhang**: *Huawei*; **Janet Hsiao**: *Hong Kong University of Science & Technology*

P2-E-254: *Dissociated Responses to AI: Persuasive But Not Trustworthy?*

Presenting Author: **Bertram F. Malle**, *Brown University*

Zeynep Aydin: *Brown University*; **Bertram F. Malle**: *Brown University*

P2-E-255: *GPT-ology, Alien Intelligences, Existence Proofs: How should we think about LLMs in Cognitive Science?*

Presenting Author: **Desmond Ong**, *The University of Texas at Austin*

Desmond Ong: *The University of Texas at Austin*

P2-E-256: *Large Language Models Show Human-Like Abstract Thinking Patterns: A Construal-Level Perspective*

Presenting Author: **Seung Joo Yoo**, *Seoul National University*

Seung Joo Yoo: *Seoul National University*; **Sangah Lee**: *Seoul National University*

P2-E-257: *A Relational Inductive Bias for Dimensional Abstraction in Neural Networks*

Presenting Author: **Declan Campbell**, *Princeton University*

Declan I. Campbell: *Princeton University*; **Jonathan Cohen**: *Princeton University*

P2-F-258: *Development and Validation of the Facial Expression Intensity Stimulus Set (FEISS)*

Presenting Author: **Gerly Tamm**, *Ghent University*

Gerly Tamm: *Ghent University*

P2-F-259: *Visual selective attention: Priority is all you need*

Presenting Author: **Raul Grieben**, *Ruhr-Universität Bochum*

Raul Grieben: *Ruhr-Universität Bochum*; **John Spencer**: *University of East Anglia*; **Gregor Schöner**: *Ruhr-Universität Bochum*

P2-F-260: *Visual saliency predicts gaze during real-world driving task*

Presenting Author: **Richard Veale**, *Kyoto University*

Richard E Veale: *Kyoto University*; **Kenji Murase**: *Mazda Motor Corporation*; **Masayuki Watanabe**: *Mazda Motor Corporation*; **Tadashi Isa**: *Kyoto University*

P2-M-261: *Understanding Expertise in Elite Competitive eSports: A Comparison of Approaches to Scalable Dimensionality Reduction*

Presenting Author: **Noah Phillips**, *Rensselaer Polytechnic Institute*

Noah Phillips: *Rensselaer Polytechnic Institute*; **Chris R. Sims**: *Rensselaer Polytechnic Institute*

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P2-J-262: *Without his cookies, he's just a monster: a counterfactual simulation model of social explanation*

Presenting Author: **Erik Brockbank**, *Stanford University*

Erik Brockbank: *Stanford University*; **Justin Yang**: *Stanford University*; **Mishika Govil**: *Stanford University*; **Judith E. Fan**: *Stanford University*; **Tobias Gerstenberg**: *Stanford University*

P2-K-263: *Assessment of Multiple Systemic Human Cognitive States using Eye Gaze*

Presenting Author: **Ayca Aygun**, *Tufts University*

Ayca Aygun: *Tufts University*; **Thuan Nguyen**: *Worcester Polytechnic Institute*; **Matthias Scheutz**: *Tufts University*

P2-K-264: *Characterizing Contextual Variation in Children's Preschool Language Environment Using Naturalistic Egocentric Videos*

Presenting Author: **Robert Z. Sparks**, *Stanford University*

Robert Z. Sparks: *Stanford University*; **Bria Long**: *Stanford University*; **Grace E Keene**: *Stanford University*; **Malia J. Perez**: *Stanford University*; **Alvin Wei Ming Tan**: *Stanford University*; **Virginia A Marchman**: *Stanford University*; **Michael C. Frank**: *Stanford U*

P2-L-265: *State-Independent and State-Dependent Learning in a Motivational Go/NoGo task*

Presenting Author: **Azadeh Nazemorroaya**, *Computational Neuroscience, Max Planck Institute for Biological Cybernetics*

Azadeh Nazemorroaya: *Computational Neuroscience, Max Planck Institute for Biological Cybernetics*; **Dan Bang**: *Aarhus University*; **Peter Dayan**: *Max Planck Institute for Biological Cybernetics*

P2-L-266: *Using Vector Symbolic Architectures for Distributed Action Representations in a Spiking Model of the Basal Ganglia*

Presenting Author: **Madeleine Bartlett**, *University of Waterloo*

Madeleine Bartlett: *University of Waterloo*; **Michael Furlong**: *University of Waterloo*; **Terrence C Stewart**: *University of Waterloo*; **Jeff Orchard**: *University of Waterloo*

P2-L-267: *Objectifying Gaze: an empirical study with non-sexualized images*

Presenting Author: **Ayushi Agrawal**, *International Institute of Information Technology, Hyderabad*

ayushi kumari agrawal: *International Institute of Information Technology, Hyderabad*; **Srija Krishna Bhupathiraju**: *International Institute Of Information Technology*; **Kavita Vemuri**: *International Institute of Information Technology - Hyderabad*

P2-L-269: *Differential Neural Correlates of EEG Mediate the Impact of Internally and Externally Directed Attention in a Dual-task Working Memory Paradigm*

Presenting Author: **Ankit Yadav**, *National Brain Research Centre*

Ankit Yadav: *National Brain Research Centre*; **Dr. Arpan Banerjee**: *National Brain Research Centre (NBRC)*; **Dr. Dipanjan Roy**: *Indian Institute of Technology Jodhpur*

P2-L-270: *Unlocking the Brain's Clock: the effects of transauricular vagus nerve stimulation on time processing.*

Presenting Author: **Maria Luisa De Martino**, *Sapienza University of Rome*

Maria Luisa De Martino: *Sapienza University of Rome*; **Erik Leemhuis**: *Sapienza University of Rome*; **Angelica Scuderi**: *Sapienza University of Rome*; **Mariella Pazzaglia**: *Sapienza University of Rome*

P2-L-271: *Neurally Enhanced Control over Social Avoidance during Public Speaking Exposure in Social Anxiety*

Presenting Author: **Davide Ahmar**, *Donders Institute*

Mariana Carneiro de Andrade: *Donders Institute*; **Davide Ahmar**: *Donders Institute*; **Nina Dijkstra**: *Radboud University*; **Sjoerd Meijer**: *Donders Institute*; **Bob Bramson**: *Donders Institute*; **Moniek Hutschemaekers**: *Pro Persona*; **Mirjam Kampman**: *Pro Persona*; **Ivan Toni**: *Radboud University*; **Karin Roelofs**: *Donders Institute*

P2-L-272: *Grey and white matter metrics demonstrate distinct and complementary prediction of differences in cognitive performance in children: Findings from ABCD (N= 11 876)*

Presenting Author: **Lea Michel**, *Radboud university medical center, Donders Institute for Brain, Cognition and Behaviour*

Lea Michel: *Radboud university medical center, Donders Institute for Brain, Cognition and Behaviour*; **Ethan McCormick**: *Leiden Unviersity*; **Rogier A Kievit**: *Radboud university medical center, Donders Institute for Brain, Cognition and Behaviour*

P2-L-273: *Children Track Probabilistic Information in Speech Differently from Adults*

Presenting Author: **Zhenghan Qi**, *University of Delaware*

Yi-Lun Weng: *University of Delaware*; **Julie Schneider**: *Louisiana State University*; **Zhenghan Qi**: *Northeastern University*

P2-L-274: *Double Dissociations Emerge in a Flat Attractor Network*

Presenting Author: **Ihintza Malharin**, *BCBL: Basque Center on Cognition, Brain and Language*

Ihintza Malharin: *BCBL: Basque Center on Cognition, Brain and Language*; **Simona Mancini**: *Basque Center on Cognition, Brain and Language*; **James Magnuson**: *University of Connecticut*

P2-L-275: *Neurodegenerative constraints in stimulus-driven eye movements*

Presenting Author: **Santa Bartuševica**, *University of Latvia*

Santa Bartuševica: *University of Latvia*; **Jurgis Skilters**: *University of Latvia*; **Liga Zarina**: *University Of Latvia*; **Solvita Umbrasko**: *University of Latvia*; **Laura Zeļģe**: *University of Latvia*; **Ardis Platkājis**: *Riga Stradins University*; **Agnese Anna Pastare**: *R*

P2-L-276: *The Emergence of Utility from Episodic Memory in a Model of Decision-Making Under Risk*

Presenting Author: **David C. Noelle**, *University of California, Merced*

Rebecca Sullivan: *University of California, Merced*; **Hoshmand Malaie**: *University of California, Merced*; **David C. Noelle**: *University of California, Merced*

P2-L-277: *Optimal mental representation of social networks explains biases in social learning and perception*

Presenting Author: **Yulin Dong**, *Lusha Zhu, Peking University*

Yulin Dong: *Peking University*; **Xiyuan Wang**: *Peking University*; **Yaomin Jiang**: *Max Planck Institute for Human Development*; **Muhan Zhang**: *Peking University*; **Lusha Zhu**: *Peking University*

P2-L-278: *Self-other dynamics in spontaneous interpersonal synchronization.*

Presenting Author: **Kyveli Kompatsiari**, *Technical University of Denmark*

Kyveli Kompatsiari: *Technical University of Denmark*; **Marius Zimmermann**: *Institute of Psychology*; **Aliaksandr Dabranau**: *Technical University of Denmark*; **Qianliang Li**: *Technical University of Denmark*; **Ivana Konvalinka**: *Technical University of Denmark*

P2-L-279: *Form Perception as a Bridge to Real-World Functional Proficiency*

Presenting Author: **Dr. Shlomit Ben-Ami**, *Massachusetts Institute of Technology*

Shlomit Ben-Ami: *Massachusetts Institute of Technology*; **Vishakha Shukla**: *New York University*; **Priti Gupta**: *Dr. Shroff's Charity Eye Hospital*; **Pragya Shah**: *Dr. Shroff's Charity Eye Hospital*; **Dr. Chetan Ralekar**: *Massachusetts Institute of Technology*; *Dr. Su*

P2-L-280: *Transcranial magnetic stimulation of primary motor cortex does not change meaning construction from action sentences*

Presenting Author: **Pablo Solana**, *University of Granada*

Pablo Solana: *University of Granada*; **Omar Escámez**: *University of Granada*; **Daniel Casasanto**: *Cornell University*; **Ana B. Chica**: *University of Granada*; **Julio Santiago**: *University of Granada*

P2-L-281: *Dynamic self-efficacy updating as a computational mechanism of mania emergence*

Presenting Author: **Jing Li**, *Icahn School of Medicine at Mount Sinai*

Jing Li: *Icahn School of Medicine at Mount Sinai*; **Angela Radulescu**: *Icahn School of Medicine at Mount Sinai*

P2-L-282: *The role of friendship in dynamic group coordination*

Presenting Author: **Qianliang Li**, *Technical University of Denmark*

Qianliang Li: *Technical University of Denmark*; **Kyveli Kompatsiari**: *Technical University of Denmark*; **Aliaksandr Dabranau**: *Technical University of Denmark*; **Ivana Konvalinka**: *Technical University of Denmark*

P2-L-283: *Modeling infant cortical tracking of statistical learning in simple recurrent networks*

Presenting Author: **James S. Magnuson**, *Ohio State University*

Qihui Xu: *Ohio State University*; **Guro Stensby Sjuls**: *Norwegian University of Science and Technology*; **Marina Kalashnikova**: *Basque Center on Cognition, Brain and Language*; **James Magnuson**: *University of Connecticut*

P2-L-284: *The influence of global context and classifier-noun congruency on Chinese predictive sentence processing*

Presenting Author: **Zhenlin Chen**, *Leiden University*

Zhenlin Chen: *Leiden University*; **Leticia Pablos Robles**: *Leiden University*; **Niels O. Schiller**: *City University of Hong Kong*

P2-L-285: *Neural oscillatory and ERP indices of prediction in emotional speech*

Presenting Author: **Natálie Kikoťová**, *Charles University*

Natálie Kikoťová: *Charles University*; **Katerina Chladkova**: *Institute of Psychology, Czech Academy of Sciences*

P2-L-286: *Influence of cognitive abilities on literacy skills in a Chinese-English bilingual child with developmental dyslexia*

Presenting Author: **Catherine Shee-hei Wong**, *Hong Kong Metropolitan University*

Catherine Shee-hei Wong: *Hong Kong Metropolitan University* ; **Dr Emily Ge Hao-yan**: *Hong Kong Metropolitan University*

P2-L-287: *Neural Activities in Intentional Motor Switching after Coordinating Bodily Motions in Pairs*

Presenting Author: **Masayuki Fujiwara**, *Komatsu University*

Masayuki Fujiwara: *Komatsu University*; **Kosei Shibata**: *Kyushu Institute of Technology*; **Takashi Hashimoto**: *Japan Advanced Institute of Science and Technology*; **Hiroaki Wagatsuma**: *Kyushu Institute of Technology*

P2-L-288: *Semantic Processing Modulates the Attentional Accessibility of Verbal and Nonverbal Search Targets*

Presenting Author: **Marika Mauti**, *Sapienza University of Rome*

Marika Mauti: *Sapienza University of Rome*; **Giorgia D'Innocenzo**: *Universidade de Lisboa*; **Antimo Buonocore**: *Suor Orsola Benincasa University*; **Moreno I. Coco**: *Sapienza, University of Rome*

P2-L-289: *Influence of mantra meditation on intensity mismatch negativity*

Presenting Author: **Chandan Srivastava**, *IIT Bombay*

Chandan Srivastava: *IIT Bombay*; **Jamie A O'Reilly**: *King Mongkut's Institute of Technology Ladkrabang*; **Rashmi Gupta**: *IIT Bombay*

P2-L-290: *The neural basis of Event Segmentation Theory during naturalistic perception: stable neural activity patterns throughout the cortex*

Presenting Author: **Djamari Oetringer**, *Donders Institute*

Djamari Oetringer: *Donders Institute*; **Dora Gozukara**: *Donders Institute*; **Umut Guclu**: *Radboud University*; **Linda Geerligs**: *Radboud University*

P2-L-291: *Effect of Fatigue on Word Production in Aphasia*

Presenting Author: **Daniel Mirman**, *University of Edinburgh*

Daniel Mirman: *University of Edinburgh*; **Anna Krason**: *Moss Rehabilitation Research Institute*; **Malathi Thothathiri**: *George Washington University*; **Erica Middleton**: *Moss Rehabilitation Research Institute*

P2-L-292: *Attraction and repulsion effects of expectation on the perception of acceleration.*

Presenting Author: **Nick Simpson**, *UCL*

Nick Simpson: *UCL*; **Matan Mazor**: *University of Oxford*; **Kirsten Rittershofer**: *Birkbeck, University College London*; **Emma K. Ward**: *UCL*; **Clare Press**: *UCL*

P2-L-293: *Dissociable neurocognitive signatures in scene perception*

Presenting Author: **Neil Cohn**, *Tilburg University*

Neil Cohn: *Tilburg University*; **Tom Foulsham**: *University of Essex*

P2-L-294: *The role of transauricular vagus nerve stimulation in balancing autonomic systems during cognitive tasks*

Presenting Author: **Erik Leemhuis**, *Sapienza University of Rome*

Erik Leemhuis: *Sapienza University of Rome*; **Maria Luisa De Martino**: *Sapienza University of Rome*; **Angelica Scuderi**: *Sapienza University of Rome*; **Mariella Pazzaglia**: *Sapienza University of Rome*

P2-L-295: *An inductive bias for slowly changing features in human reinforcement learning*

Presenting Author: **Noa L. Hedrich**, *Max Planck Institute for Human Development*

Noa L. Hedrich: *Max Planck Institute for Human Development*; **Eric Schulz**: *Max Planck Institute for Biological Cybernetics*; **Sam Hall-McMaster**: *Harvard University*; **Nicolas Schuck**: *Universität Hamburg*

P2-L-296: *Bayesian-like Decision-Making Behavior in Visual Search*

Presenting Author: **Mathi Manavalan**, *University of Minnesota - Twin Cities*

Mathi Manavalan: *University of Minnesota - Twin Cities*; **Vanessa G Lee**: *University of Minnesota*; **Iris Vilares**: *University of Minnesota*

P2-L-297: *"Apples to Oranges" - Evaluating Reaction Time measures as paradigm to contrast expert vs. novice performance in complex, dynamic task environments.*

Presenting Author: **Alexander Lutsevich**, *Rensselaer Polytechnic Institute*

Alexander Lutsevich: *Rensselaer Polytechnic Institute*

P2-L-298: *Neural evidence of visual-spatial influence on aural-verbal processes*

Presenting Author: **Elizabeth Fox**, *Air Force Research Laboratory*

Elizabeth Fox: *Air Force Research Laboratory*; **Margaret Ugolini**: *BAE Systems, Inc., Space & Mission Systems*; **Ashley D Cook**: *Air Force Research Laboratory*; **Gregory Bowers**: *BAE Systems, Inc., Space & Mission Systems*

P2-L-299: *A Computational Framework to Account for Attention in Multi-attribute Decisions*

Presenting Author: **Amir Hosein Hadian Rasanan**, *Basel University*

Amir Hosein Hadian Rasanan: *Basel University*; **Sebastian Gluth**: *University of Hamburg*; **Jörg Rieskamp**: *University of Basel*

P2-L-300: *Cognitive Performance in Students: Focus on Lifestyle Factors, Brain Activity & Meditation Intervention*

Presenting Author: **Anuradha Batabyal and Shriya Parekh**, *FLAME University*

Shriya Parekh: *FLAME University* ; **Shruti Goyal**: *FLAME University*; **Anuradha Batabyal**: *FLAME University*

P2-L-301: *ADHD in adults and emotion regulation functioning*

Presenting Author: **Jorge Alfredo Flores-Torres**, *Pontificia Universidad Católica de Chile*

Jorge A Flores: *Pontificia Universidad Católica de Chile*; **J I Amaro-Fuenzalida**: *Pontificia Universidad Católica de Chile*; **Isabella Fioravante**: *Pontificia Universidad Católica de Chile*

P2-L-302: *Modeling Cognitive Strategies in Teaching: Integrating Theory of Mind and Heuristics*

Presenting Author: **Sevan Khoy Harootonian**, *Princeton University*

Sevan Khoy Harootonian: *Princeton University*; **Yael Niv**: *Princeton University*; **Tom Griffiths**: *Princeton University* ; **Mark K Ho**: *Stevens Institute of Technology*

P2-L-303: *Which pairs coordinate and which do not?*

Presenting Author: **Seiya Nakata**, *International Research Center for Neurointelligence, The University of Tokyo*

Seiya Nakata: *International Research Center for Neurointelligence, The University of Tokyo*; **Yukie Nagai**: *The University of Tokyo*

P2-L-304: *Interleaving Benefits Category Learning But Not Item Memory*

Presenting Author: **Ezgi Melisa Yuksel**, *University of Wisconsin-Madison*

Ezgi Melisa Yüksel: *University of Wisconsin-Madison*; **Melina Lauryn Knabe**: *University of Wisconsin-Madison*; **C. Shawn Green**: *University of Wisconsin-Madison*; **Haley Vlach**: *University of Wisconsin-Madison*

P2-L-305: *The role of anxiety in learning under uncertainty in social and non-social contexts*

Presenting Author: **Ili Ma**, *Leiden University*

Selin Topel: *Leiden University*; **Ili Ma**: *Leiden University*; **Henk van Steenbergen**: *Leiden University*; **Anna C. K. van Duijvenvoorde**: *Leiden University*; **Ellen de Bruijn**: *Leiden University*

P2-L-306: *Uncertainty affects planning effort, but not plans*

Presenting Author: **Jordan Lei**, *New York University*

Jordan Lei: *New York University*; **Wei Ji Ma**: *New York University*

P2-L-307: *The neural dynamics of sudden insight in social perception*

Presenting Author: **Martin Maier**, *Humboldt-Universität zu Berlin*

Martin Maier: *Humboldt-Universität zu Berlin*; **Rasha Abdel Rahman**: *Humboldt-Universität zu Berlin*

P2-L-308: *Investigating the longevity of real-world memory following a smartphone intervention in older adults: A multi-year follow-up study*

Presenting Author: **Bryan Hong**, *University of Toronto*

Bryan Hong: *University of Toronto*; **Miranda Chang**: *University of Toronto*; **Eliza McCann**: *University of Toronto*; **Morgan Barense**: *University of Toronto*

P2-L-309: *On the Benefits of Heterogeneity in Cognitive Stability and Flexibility for Collaborative Task Switching*

Presenting Author: **Alessandra Brondetta**, *University of Turin*

Alessandra Brondetta: *University of Turin*; **Anastasia Bizyaeva**: *University of Washington*; **Maxime Lucas**: *CENTAI Institute*; **Giovanni Petri**: *Northeastern University London*; **Sebastian Musslick**: *Brown University*

P2-L-311: *Visual behavior during spatial exploration explains individual differences in performance of spatial navigation tasks*

Presenting Author: **Jasmin L. Walter**, *University of Osnabrück*

Jasmin L. Walter: *University of Osnabrück*; **Vincent Schmidt**: *University of Osnabrück*; **Sabine U. König**: *University of Osnabrück*; **Peter König**: *University of Osnabrück*

P2-M-312: *Cognitive Models for Abacus Gesture Learning*

Presenting Author: **Farnaz Tehranchi**, *The Pennsylvania State University*

Lingyun He: *The Pennsylvania State University*; **Duk Hee Ka**: *The Pennsylvania State University*; **Md Ehtesham-Ul-Haque**: *Pennsylvania State University*; **Syed Masum Billah**: *Pennsylvania State University*; **Farnaz Tehranchi**: *The Pennsylvania State University*

P2-M-313: *Estimating the growth of functions*

Presenting Author: **Vijay Marupudi**, *Georgia Tech*

Vijay Marupudi: *Georgia Tech*; **Jeffrey K. Bye**: *University of Minnesota*; **Sashank Varma**: *Georgia Tech*

P2-M-314: *GeoGami: A Research Software for Training and Measuring Navigational Map Reading Competence*

Presenting Author: **Angela Schwering**, *University of Muenster*

Angela Schwering: *University of Muenster*; **Mitko Aleksandrov**: *The Institute for Geoinformatics (ifgi)*; **Yousef Qamaz**: *Institute for Geoinformatics*

P2-M-315: *Investigating the Relationship Between Surprisal and Processing in Programming Languages*

Presenting Author: **Nicole Dodd**, *University of California, Davis*

Nicole Dodd: *University of California, Davis*; **Skyler Jove Reese**: *University of California, Davis*; **Emily Morgan**: *UC Davis*

P2-M-316: *Observing Simplicity Bias in Human-generated data*

Presenting Author: **Jean-Louis Dessalles & Giovanni Sileno**, *Institut Polytechnique de Paris*

Jean-Louis Dessalles: *Institut Polytechnique de Paris*; **Giovanni Sileno**: *University of Amsterdam*

P2-M-317: *FlexDDM: A flexible decision-diffusion Python package for the behavioral sciences*

Presenting Author: **Kyle LaFollette**, *Case Western Reserve University*

Kyle LaFollette: *Case Western Reserve University*; **Joy Fan**: *Case Western Reserve University*; **Alessandra Puccio**: *Case Western Reserve University*; **Heath A. Demaree**: *Case Western Reserve University*

P2-M-318: *Acute stress impairs performance in a computationally hard cognitive task*

Presenting Author: **Karlo Doroc**, *University of Melbourne*

Karlo Doroc: *University of Melbourne*

P2-M-319: *CogME: A Cognition-Inspired Multi-Dimensional Evaluation Metric for Story Understanding*

Presenting Author: **Minjung Shin**, *Seoul National University*

Minjung Shin: *Seoul National University*; **Seongho Choi**: *Seoul National University*; **Yu-Jung Heo**: *KT*; **Minsu Lee**: *Seoul National University*; **Byoung-Tak Zhang**: *Seoul National University*; **Jeh-Kwang Ryu**: *Dongguk University*

P2-M-320: *CAUS: A Dataset for Question Generation based on Human Cognition Leveraging Large Language Models*

Presenting Author: **Minjung Shin**, *Seoul National University*

Minjung Shin: *Seoul National University*; **Donghyun Kim**: *Dongguk university*; **Jeh-Kwang Ryu**: *Dongguk University*

P2-M-321: *Improved classification accuracy in deep vision models does not come with better predictions of perceptual similarity*

Presenting Author: **Marco Petilli**, *Humboldt-Universität zu Berlin*

Fritz Günther: *Humboldt-Universität zu Berlin*; **Marco Marelli**: *University of Milano-Bicocca*; **Marco Petilli**: *University of Milano-Bicocca*

P2-M-322: *The rise and fall of social hierarchical systems: a cognitive and information theoretical model*

Presenting Author: **Mauricio Dias Martins**, *University of Vienna*

Maurício de Jesus Dias Martins: *University of Vienna*; **Stefano Palminteri**: *École normale supérieure*

P2-N-323: *Was That My Cue? Reactivity to Category-Level Judgments of Learning*

Presenting Author: **Anthony Cruz**, *The University of Western Ontario*

Anthony Cruz: *The University of Western Ontario*; **John Paul Minda**: *The University of Western Ontario*

P2-Q-324: *Prosocial Acts Towards AI Shaped By Reciprocation And Awareness*

Presenting Author: **Xinyue Hu**, *University of California, Irvine*

Xinyue Hu: *University of California, Irvine*; **Kumar Akash**: *Honda Research Institute USA, Inc.*; **Shashank Mehrotra**: *Honda Research Institute USA, Inc.*; **Teruhisa Misu**: *Honda Research Institute USA, Inc.*; **Mark Steyvers**: *University of California, Irvine*

P2-Q-325: *Teaching Functions with Gaussian Process Regression*

Presenting Author: **Maya Malaviya**, *Stevens Institute of Technology*

Maya Malaviya: *Stevens Institute of Technology*; **Mark K Ho**: *Stevens Institute of Technology*

P2-R-326: *Some Questions and Answers about Polish Questions*

Presenting Author: **Jakub Suchojad**, *Rutgers University*

Jakub Suchojad: *Rutgers University*; **C. Jane Lutken**: *Rutgers University*; **Karin Stromswold**: *Rutgers University*

P2-S-327: *Innovative Attempt at Enhancing Psychological Assessment: A Preliminary Investigative Study of Measuring College Students' Learning Motivation Levels through the Lens of Passive Sensing via Smartphones*

Presenting Author: **Yu Feng**, *University of Minho*

Yu Feng: *University of Minho*; **Tongyu Zhao**: *University of Minho*; **Yi Zhang**: *Jilin University*; **Yatong Zu**: *Jilin University*; **Adriano Tavares**: *University of Minho*; **Tiago Gomes**: *University of Minho*; **Hao Xu**: *Jilin University*

P2-S-328: *Strong but wrong: Adult's intuitions of functional and mechanistic knowledge*

Presenting Author: **Amanda McCarthy**, *Yale University*

Amanda McCarthy: *Yale University*; **Emma Courtney**: *Cold Spring Harbor Laboratory*; **Frank Keil**: *Yale University*

P2-S-329: *Supporting student self-regulation in virtual tutoring through emotionally intelligent cognitive architecture*

Presenting Author: **Alexei V. Samsonovich**, *National Research Nuclear University "MEPhI"*

Alexei V Samsonovich: *National Research Nuclear University "MEPhI"*; **Anastasia Kitsantas**: *George Mason University*

P2-S-330: *Which Leads to More Effective Learning in Intelligent Tutoring Software: Effort-based or Performance-based Feedback?*

Presenting Author: **Shintaro Sato**, *Saarland University*

Shintaro Sato: *Saarland University*; **Melanie Platz**: *Saarland University*; **Tomohiro Nagashima**: *Saarland University*

P2-S-331: *Influence of Vocal Cues on Perception of Traits: Evidence from Educational Context*

Presenting Author: **Mingyu Weng**, *Purdue University*

Mingyu Weng: *Purdue University*; **Wenxi Fei**: *The Hong Kong Polytechnic University*; **Michael C. W. Yip**: *The Education University of Hong Kong*

P2-S-332: *Decoding the Bilingual Puzzle in Chinese Children with Dyslexia: Should L2 English Literacy be Salvaged Through Assimilation or Accommodation?*

Presenting Author: **Ricky Van-yip Tso**, *The University of Hong Kong*

Ricky Van-yip Tso: *The University of Hong Kong*; **Tsz-chung Ronald Chan**: *The University of Hong Kong*; **Kit-yu Kitty Yeung**: *The University of Hong Kong*; **Robert Savage**: *York University*; **Wai Ting Siok**: *The Hong Kong Polytechnic University*; **Kathy Shum**: *Universit*

P2-S-333: *COVID-19 Disruptions in Learning of Critical Mathematics Content*

Presenting Author: **Julie L. Booth**, *Temple University*

Julie L. Booth: *Temple University*; **Renée M Tobin**: *Temple University*; **Christina Barbieri**: *University of Delaware*

P2-S-334: *Evaluating the comprehension of fractions in 6th to 10th grade using a graduated number line test*

Presenting Author: **Maxime Cauté**, *CEA, Inserm, Université Paris-Saclay*

Maxime Cauté: *CEA, Inserm, Université Paris-Saclay*; **Cassandra Potier-Watkins**: *CEA, Inserm, Université Paris-Saclay*; **Chenxi He**: *CEA, Inserm, Université Paris-Saclay*; **Stanislas Dehaene**: *CEA, Inserm, Université Paris-Saclay*

2-S-335: *Practice what you preach: Consistent messages about the value of effort foster children's persistence*

Presenting Author: **Elaine (Yilin) Wang**, *Yale University*

Elaine Wang: *Yale University*; **Mia Radovanovic**: *University of Toronto*; **Jessica Sommerville**: *University of Toronto*; **Julia Anne Leonard**: *Yale University*

P2-S-336: *Latent Structure of Intuitive Physics*

Presenting Author: **Joshua K Hartshorne**, *Boston College*

Wei Li: *Boston College*; **Joshua K Hartshorne**: *Boston College*

P2-S-337: *Differential Metacognitive Activation in Intuitive versus Reflective Thinking in Classroom Assessment Test*

Presenting Author: **Tomohito Yamazaki**, *Graduate School of Media and Governance*

Tomohito Yamazaki: *Graduate School of Media and Governance*; **Mutsumi Imai**: *Faculty of Environment and Information Studies*

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P2-S-338: *Interaction Between Mathematical Affect and Feedback During Mathematical Computation: A Computer Mouse-tracking Task*

Presenting Author: **Shruti Kate**, *Kent State University*

Shruti Kate: *Kent State University*; **Peri Goldblatt**: *Kent State University*; **Katie Asaro**: *Kent State University*; **Giulia Borriello**: *Kent State University*; **Jennifer Roche**: *Kent State University*

P2-S-339: *The benefits of live in person feedback on children's mathematics performance*

Presenting Author: **Megan Merrick**, *Indiana University, Bloomington*

Megan V Merrick: *Indiana University - Bloomington*; **Emily R. Fyfe**: *Indiana University*

P2-S-340: *The Effect of Music on College Students' Stress Level and Cognitive Performance – Perceived Pleasantness of Music Makes the Difference*

Presenting Author: **Tsz-chung Ronald Chan**, *The University of Hong Kong*

Tsz-chung Ronald Chan: *The University of Hong Kong*; **Ricky Van-yip Tso**: *The University of Hong Kong*

P2-S-341: *Breaking Focus: The impact of disruptive distractions on academic task performance*

Presenting Author: **M.Sc. Jenny Rettstatt**, *Chemnitz University of Technology*

Jenny Rettstatt: *Chemnitz University of Technology*; **Daniel Brand**: *Chemnitz University of Technology*; **Marco Ragni**: *TU Chemnitz*

P2-S-342: *Various Misleading Visual Features in Misleading Graphs: Do they truly deceive us?*

Presenting Author: **Jihyun Rho**, *University of Wisconsin-Madison*

Jihyun Rho: *University of Wisconsin-Madison*; **Martina A. Rau**: *University of Wisconsin - Madison*; **Shubham Kumar Bharti**: *University of Wisconsin-Madison*; **Rosanne Luu**: *University of Wisconsin-Madison*; **Jeremy McMahan**: *University of Wisconsin-Madison*; **Andrew Wang**: *The University of Melbourne*

P2-T-343: *The Impact of Spatiotemporal Calibration on Sense of Embodiment and Task Performance in Teleoperation*

Presenting Author: **Sara Falcone**, *Vassar College; Jordan Taylor: Princeton University*

P2-U-344: *Relationship between emotional linkages and perceived emotion during a joint task*

Presenting Author: **Aiko Murata**, *Nippon Telegraph and Telephone Corporation*

Aiko Murata: *Nippon Telegraph and Telephone Corporation*; **Shiro Kumano**: *Nippon Telegraph and Telephone Corporation*

P2-V-345: *Variations in explainers' gesture deixis in explanations related to the monitoring of explainees' understanding*

Presenting Author: **Stefan Lazarov**, *Paderborn University*

Stefan Lazarov: *Paderborn University*; **Angela Grimminger**: *Paderborn University*

P2-Y-346: *Decoding Expertise: Exploring Cognitive Micro-Behavioural Measurements for Visualization Competence*

Presenting Author: **Fiorenzo Colarusso**, *University of Sussex*

Fiorenzo Colarusso: *University of Sussex*; **Peter Cheng**: *University of Sussex*; **Ronald Grau**: *University of Sussex*; **Grecia Garcia Garcia**: *University of Sussex*; **Daniel Raggi**: *University of Cambridge*; **Mateja Jamnik**: *University of Cambridge*

P2-Y-347: *Saccadic Eye Movements and Search Task Difficulty as Basis of Modelling User Knowledge in Information Seeking*

Presenting Author: **Marco Ragni**, *Uppsala University*

Ying-Hsang Liu: *Uppsala University*; **Andreas Nürnberger**: *Otto von Guericke University*; **Jenny Rettstatt**: *Chemnitz University of Technology*; **Marco Ragni**: *TU Chemnitz*

P2-Z-348: *Capable but not cooperative? Perceptions of ChatGPT as a pragmatic speaker*

Presenting Author: **Alexandra Mayn**, *Saarland University*

Alexandra Mayn: *Saarland University*; **Jia Loy**: *Saarland University*; **Vera Demberg**: *Saarland University*

P2-AA-349: *Investigating Flexible Role Binding in AI Agents*

Presenting Author: **Mark K Ho**, *New York University*

Brian Pennisi: *New York University*; **Todd M Gureckis**: *New York University*; **Rheza Budiono**: *New York University*; **Mark K Ho**: *Stevens Institute of Technology*

P2-CC-350: *Visual Similarity Modeling of Chinese Characters Across Natives, Second-Language Learners, and Novices*

Presenting Author: **Zhuqian Zhou**, *Teachers College, Columbia University*

Zhuqian Zhou: *Teachers College, Columbia University*; **James E. Corter**: *Columbia University*

P2-CC-351: *Real world event schemas offer modality-independent conceptual bases for verb argument structures*

Presenting Author: **Breanna K. Nguyen**, *University of California, Davis*

Brennan T Gonering: *University of California, Davis*; **Zoey Liu**: *University of Florida*

P2-CC-352: *Production of Syntactic Alternations Displays Accessibility But Not Informativity Effects*

Presenting Author: **Emily Goodwin**, *Stanford University*

Emily Goodwin: *Stanford University*; **Judith Degen**: *Stanford University*

P2-DD-353: *Quick and Accurate Affordance Learning*

Presenting Author: **Fedor Scholz**, *University of Tübingen*

Fedor Scholz: *University of Tübingen*; **Erik Ayari**: *University of Tübingen*; **Johannes Bertram**: *University of Tübingen*; **Martin V. Butz**: *University of Tübingen*

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P2-EE-354: *German demonstratives and topic questions*

Presenting Author: **Timo Buchholz**, *Universität zu Köln*

Timo Buchholz: *Universität zu Köln;* **Klaus von Heusinger**: *University of Cologne*

P2-EE-355: *Animacy and attention play different roles in children's language production*

Presenting Author: **Sarah Dolscheid (Verlage)**, *University of Cologne*

Sarah Dolscheid: *University of Cologne;* **Martina Penke**: *University of Cologne*

P2-EE-356: *Newborns' neural tracking of infant-directed and adult-directed speech in native and foreign language*

Presenting Author: **Martina Dvořáková**, *Charles University*

Martina Dvořáková: *Charles University;* **Katerina Chladkova**: *Institute of Psychology, Czech Academy of Sciences;* **Josef Urbanec**: *Faculty od Medicine in Hradec Kralove, Charles University;* **Jan Kremláček**: *Faculty od Medicine in Hradec Kralove, Charles Universi*

P2-EE-357: *A note on complexity in efficient communication analyses of semantic typology*

Presenting Author: **Francis Mollica**, *University of Melbourne*

Francis Mollica: *University of Melbourne*

P2-EE-358: *Transparency in Sign Forms: When and How Does Iconicity Matter?*

Presenting Author: **Oksana Tkachman**, *University of British Columbia*

Oksana Tkachman: *University of British Columbia;* **Emily Sadlier-Brown**: *The University of British Columbia;* **Roger Yu-Hsiang Lo**: *University of British Columbia ;* **Carla Hudson Kam**: *University of British Columbia*

P2-EE-359: *Bridging Word and World: Vocal Iconicity in Chinese Child-Directed Speech and Child Production*

Presenting Author: **Mengru Han**, *East China Normal University*

Mengru Han: *East China Normal University;* **Yiqi Nie**: *East China Normal University;* **Yan Gu**: *University of Essex*

P2-EE-360: *How can they both be right?: Faultless disagreement and semantic adaptation*

Presenting Author: **Emily Pecsok and Helena Aparicio**, *Cornell University*

Emily Pecsok: *Cornell University;* **Helena Aparicio**: *Cornell University*

P2-EE-361: *What processing instructions do connectives provide? Modeling the facilitative effect of the connective*

Presenting Author: **Marian Marchal**, *Saarland University*

Marian Marchal: *Saarland University;* **Merel Cleo Johanna Scholman**: *Utrecht University;* **Ted Sanders**: *Utrecht University;* **Vera Demberg**: *Saarland University*

P2-EE-362: *Temporal Shaping and the Event/Process Distinction*

Presenting Author: **Devansh Bansal**, *University of Kansas*

Douglas Wadle: *University of Kansas;* **Devansh Bansal**: *University of Southern California;* **Alexis C Wellwood**: *University of Southern California*

P2-EE-363: *How turn-taking can inform about becoming familiar with a task and changes to it: shy and nonshy four-year-old children*

Presenting Author: **Valeriia Tykhonenko**, *Paderborn University*

Valeriia Tykhonenko: *Paderborn University;* **Nils F Tolksdorf**: *Paderborn University;* **Katharina Rohlfing**: *Paderborn University*

P2-EE-364: *Kinematic modulations of iconicity in child-directed communication in Italian Sign Language*

Presenting Author: **Anita Slonimska**, *Max Plank Institute for Psycholinguistics*

Anita Slonimska: *Max Plank Institute for Psycholinguistics;* **Alessio di Renzo**: *Institute of Cognitive Sciences and Technologies;* **Mounika Kanakanti**: *Max Planck Institute for Psycholinguistics;* **Emanuela Campisi**: *University of Catania;* **Asli Ozyurek**: *Donders Institute*

P2-EE-365: *Neural network modelling on Korean monolingual children's comprehension of suffixal passive construction in Korean*

Presenting Author: **Gyu-Ho Shin**, *Ajou university*

Seongmin Mun: *Ajou university;* **Gyu-Ho Shin**: *Unversity of Illinois at Chicago*

P2-EE-366: *Agreement marking can benefit child learners*

Presenting Author: **Shira Tal**, *University of Edinburgh*

Shira Tal: *University of Edinburgh;* **Kenny Smith**: *University of Edinburgh;* **Jennifer Culbertson**: *University of Edinburgh*

P2-EE-367: *How does grammatical category influence conceptual categorization: The case of Chinese classifiers*

Presenting Author: **Jialing Liang**, *Universitat Pompeu Fabra*

Jialing Liang: *Universitat Pompeu Fabra;* **Xixian Liao**: *Universitat Pompeu Fabra*

P2-EE-368: *Acquisition of gender agreement depends on frequency distributions in specific contexts*

Presenting Author: **Jekaterina Mazara**, *University of Zurich*

Jekaterina Mazara: *University of Zurich;* **Michele Loporcaro**: *University of Zurich;* **Sabine Stoll**: *University of Zurich*

P2-EE-369: *Frequency-dependent regularization arises from a noisy-channel processing model*

Presenting Author: **Emily Morgan**, *University of California, Davis*

Zachary Nicholas Houghton: *University of California, Davis;* **Emily Morgan**: *UC Davis*

P2-EE-370: *Priming Abstract Modal Representations in Modals with Causatives*

Presenting Author: **Angelica Hill**, *University of Massachusetts Amherst*

Angelica Hill: *University of Massachusetts Amherst*; **Shota Momma**: *University of Massachusetts Amherst*

P2-EE-371: *Informativity effects can be probability effects in disguise*

Presenting Author: **Vsevolod Kapatsinski**, *University of Oregon*

Vsevolod Kapatsinski: *University of Oregon*

P2-EE-372: *The Influence of Stimulus Type on Language Processing in Comprehension*

Presenting Author: **Hong Liu**, *Xi'an Jiaotong-Liverpool University*

Hong Liu: *Xi'an Jiaotong-Liverpool University*; **Adel Chaouch-Orozco**: *The Hong Kong Polytechnic University*

P2-EE-373: *Is the asymmetry in negative strengthening the result of polarity or face considerations?*

Presenting Author: **Sarang Jeong**, *Stanford University*

Sarang Jeong: *Stanford University*; **Christopher Potts**: *Stanford University*; **Judith Degen**: *Stanford University*

P2-EE-374: *Context affects the comprehension of implicit arguments: Evidence from the maze task*

Presenting Author: **Roberto G. de Almeida**, *Concordia University*

Tobias Ungerer: *Concordia University*; **Roberto G. de Almeida**: *Concordia University*

P2-EE-375: *How does dependency type mediate gender agreement in Russian?*

Presenting Author: **Cui Ding**, *University of Zurich*

Cui Ding: *University of Zurich*; **Ethan Gotlieb Wilcox**: *ETH Zurich*; **Metehan Oguz**: *University of Southern California*; **Zuzanna Fuchs**: *University of Southern California*

P2-EE-376: *Cross-linguistic transfer of phonological assimilation in early and late bilinguals*

Presenting Author: **Sharon Peperkamp**, *Ecole Normale Supérieure - Université Paris Sciences et Lettres*

Sharon Peperkamp: *Ecole Normale Supérieure - Université Paris Sciences et Lettres*; **Sonya Kaiser**: *Ecole Normale Supérieure - Université Paris Sciences et Lettres*; **Lori Lamel**: *CNRS-LISN*; **Martine Adda-Decker**: *CNRS*

P2-EE-377: *Effects of Bilingualism on Sustained Attention and Inhibition: A Bayesian Enquiry*

Presenting Author: **Ark Verma**, *Radboud University*

Moulshree Rana: *Radboud University*; **Ark Verma**: *Indian Institute of Technology Kanpur*

P2-EE-378: *Investigating social grounding of abstract words*

Presenting Author: **Daria Goriachun**, *Aix-Marseille University*

Daria Goriachun: *Aix-Marseille University*; **Kristof Strijkers**: *CNRS & Aix-Marseille University*; **Nuria Gala**: *Aix-Marseille University*; **Johannes C. Ziegler**: *Aix-Marseille University*

P2-EE-379: *Spatial Construals of Time... Travel*

Presenting Author: **Shervin Nosrati**, *University of California, Merced*

Shervin Nosrati: *University of California, Merced*; **Leo Niehorster-Cook**: *University of California, Merced*; **Tyler Marghetis**: *University of California, Merced*

P2-EE-380: *States overlap: Evidence from complement and relative clause comprehension*

Presenting Author: **Elena Marx**, *Central European University*

Elena Marx: *Central European University*; **Eva Wittenberg**: *Central European University*

P2-EE-381: *Children's visual attention when planning informative multimodal descriptions of object locations*

Presenting Author: **Ercenur Ünal**, *Middle East Technical University*

Dilay Z. Karadoller: *Middle East Technical University*; **Asli Ozyurek**: *Donders Institute* ; **Ercenur Ünal**: *Özyeğin University*

P2-EE-382: *Evaluating human-like similarity biases at every scale in Large Language Models: Evidence from remote and basic-level triads.*

Presenting Author: **Simon De Deyne**, *University of Melbourne*

Simon De Deyne: *University of Melbourne*

P2-EE-383: *Does Dependency Locality Predict Non-canonical Word Order in Hindi?*

Presenting Author: **Sidharth Ranjan**, *University of Stuttgart*

Sidharth Ranjan: *University of Stuttgart*; **Marten van Schijndel**: *Cornell University*

P2-EE-384: *Numeral Modification and Framing Effects: exactly and at most vs up to*

Presenting Author: **Berry Claus**, *Leibniz University Hannover*

Berry Claus: *Leibniz University Hannover*; **Marie Christin Walch**: *Leibniz Universität Hannover*

P2-EE-385: *"I hear you! But conversing together is a bit different...!": Interactional dynamics in children with cochlear implants*

Presenting Author: **Chiara Mazzocconi**, *Aix-Marseille University*

Chiara Mazzocconi: *Aix-Marseille University*; **Céline Hidalgo**: *La Timone Children's Hospital*; **Charlie Hallart**: *Aix-Marseille University*; **Leonardo Lancia**: *Aix-Marseille University*; **Roxane Bertrand**: *Aix-Marseille Université*; **Stéphane Roman**: *La Timone Children*

P2-EE-386: *Heart talk: Emotional inner speech increases heart rate*

Presenting Author: **Mikkel Wallentin**, *Aarhus University*

Mikkel Wallentin: *Aarhus University;* **Line Kruse**: *Aarhus University;* **Anja Feibel Meerwald**: *Aarhus University;* **David Trøst Fjendbo**: *Aarhus University;* **Johanne Nedergaard**: *University of Copenhagen*

P2-EE-387: *Toddlers Associate Iconic Gestures with Actions not Objects*

Presenting Author: **Elena Nicoladis**, *University of British Columbia*

Elena Nicoladis: *University of British Columbia;* **Paula Marentette**: *University of Alberta;* **Jennifer St. Jean**: *University of Alberta*

P2-EE-388: *Is adults' ability to interpret iconicity shared between the spoken and gestural modalities?*

Presenting Author: **Mingtong Li**, *University of Warwick*

Mingtong Li: *University of Warwick;* **Suzanne Aussems**: *University of Warwick;* **Sotaro Kita**: *University of Warwick*

P2-EE-389: *Do linguistic distributional information and constituent sensorimotor similarity affect people's comprehension of novel noun-noun compounds?*

Presenting Author: **Dermot Lynott**, *Maynooth University*

Dermot Lynott: *Maynooth University;* **Louise Connell**: *Maynooth University;* **Dounia Lakhzoum**: *Maynooth University*

P2-EE-390: *Aesthetic and affective effects of consonant alliteration and meter in Japanese poems*

Presenting Author: **Mizuki Yoshio**, *Hiroshima University*

Mizuki Yoshio: *Hiroshima University;* **Toshimune Kambara**: *Hiroshima University*

P2-EE-391: *Forming Event Units in Language and Cognition: A Cross-linguistic Investigation*

Presenting Author: **Sarah Hye-yeon Lee**, *University of Pennsylvania*

Sarah Hye-yeon Lee: *University of Pennsylvania;* **Ercenur Ünal**: *Özyeğin University;* **Anna Papafragou**: *Unversity of Pennsylvania*

P2-EE-392: *Goal bias in using spatial language to describe changing quantities*

Presenting Author: **Bodo Winter**, *University of Birmingham*

Vinicius Macuch Silva: *University of Birmingham;* **Alexandra Lorson**: *University of Groningen;* **Greg Woodin**: *University of Birmingham;* **Bodo Winter**: *University of Birmingham*

P2-EE-393: *Interactions between autistic adults offer a new perspective on social gaze*

Presenting Author: **Malin Spaniol**, *University Hospital Cologne*

Malin Spaniol: *University Hospital Cologne;* **Simon Wehrle**: *University of Cologne;* **Kai Vogeley**: *University Hospital Cologne;* **Martine Grice**: *University of Cologne*

P2-EE-394: *Associations between gustatory imageries and vowel length in Japanese food names*

Presenting Author: **Toshimune Kambara**, *Hiroshima University*

Toshimune Kambara: *Hiroshima University;* **Mizuki Yoshio**: *Hiroshima University;* **Nodoka Okada**: *Hiroshima University;* **Rea Kawano**: *Hiroshima University;* **Norika Kondo**: *Hiroshima University;* **Sho Tamakawa**: *Hiroshima University*

P2-EE-395: *Missing /y/: Vowel perception in bilinguals whose languages differ in whether the high front rounded vowel is phonemic*

Presenting Author: **Lei Pan**, *Suzy J. Styles, National Institute of Education*

Lei Pan: *National Institute of Education;* **Suzy J. Styles**: *Nanyang Technological University*

P2-EE-396: *Beyond typicality: Lexical category affects the use and processing of color words*

Presenting Author: **Paula Rubio-Fernandez**, *University of Edinburgh*

Madeleine Long: *University of Edinburgh;* **Paula Rubio-Fernández**: *Max Planck Institute for Psycholinguistics*

P2-EE-397: *Rethinking Probabilities: Why Corpus Frequencies Cannot Capture Speakers' Dynamic Linguistic Behavior*

Presenting Author: **Holly Jenkins**, *Humboldt Universität zu Berlin*

Santina Simone Kemper: *Humboldt Universität zu Berlin ;* **Holly Elizabeth Jenkins**: *University of Oxford;* **Elizabeth Wonnacott**: *University of Oxford;* **Michael Ramscar**: *University of Tübingen*

P2-EE-398: *Greta is a female director: When gender stereotypes interact with informativity expectations*

Presenting Author: **Halin Hao**, *University of Southern California*

Hailin Hao: *University of Southern California;* **Muxuan He**: *University of Southern California;* **Zuzanna Fuchs**: *University of Southern California*

P2-EE-399: *Communicative factors in the emergence of phonological dispersion*

Presenting Author: **Gareth Roberts**, *University of Pennsylvania*

Gareth Roberts: *University of Pennsylvania;* **Jianjing Kuang**: *University of Pennsylvania;* **Robin Clark**: *University of Pennsylvania*

P2-EE-400: *Exploring scalar diversity through priming: A lexical decision study with adjectives*

Presenting Author: **Radim Lacina**, *Osnabrück University*

Radim Lacina: *Osnabrück University;* **Nicole Gotzner**: *Cognitive Science Institute*

P2-EE-401: *Subjective Frequency Ratings for 277 LSU Signs*

Presenting Author: **Martín Dutra**, *University of the Republic*

Martín Dutra: *University of the Republic;* **Roberto Aguirre**: *Universidad de la República*

P2-EE-402: *What can L1 speakers tell us about killing hope? A Novel Behavioral Measure for Identifying Collocations*

Presenting Author: **Sydelle de Souza**, *University of Edinburgh*

Sydelle de Souza: *University of Edinburgh*; **Francis Mollica**: *University of Melbourne*; **Jennifer Culbertson**: *University of Edinburgh*

P2-EE-403: *Chinese Character Network Structure Affects Processing of Single Chinese Characters*

Presenting Author: **Cynthia S.Q. Siew**, *National University of Singapore*

Cynthia S.Q. Siew: *National University of Singapore*

P2-EE-404: *Contextual and lexical effects in Braille reading using an automated finger tracking method*

Presenting Author: **Zaida McClinton**, *Johns Hopkins University*

Zaida McClinton: *Johns Hopkins University*; **Emily Silvano**: *Johns Hopkins University*; **Clarissa Alfonso**: *Johns Hopkins University*; **Marina Bedny**: *Johns Hopkins University*; **Colin Wilson**: *Johns Hopkins University*

P2-EE-405: *Refixation Strategies in Sentential Word Reading: An Exploration by Linked Linear Mixed Models*

Presenting Author: **Dr. Cengiz Acarturk**, *Jagiellonian University*

Ayşegül Özkan: *Jagiellonian University*; **Cengiz Acarturk**: *Jagiellonian University*

P2-EE-406: *Crowdsourcing Multiverse Analyses to Examine the Robustness of Research Findings*

Presenting Author: **Tom Heyman**, *Leiden University*

Tom Heyman: *Leiden University*; **Ekaterina Pronizius MSc BSc**: *University of Vienna*; **Erin M. Buchanan**: *Harrisburg University*

P2-EE-407: *Semantic Leakage Enables Lie Detection, but First-Person Pronouns and Verbosity Can Get in the Way of Detection*

Presenting Author: **Özlem Yeter**, *University of Groningen*

Özlem Yeter: *University of Groningen*; **Barteld P. Kooi**: *University of Groningen*; **Harmen de Weerd**: *Bernoulli Institute for Mathematics, Computer Science and Artificial Intelligence*; **Rineke Verbrugge**: *University of Groningen*; **Petra Hendriks**: *University of Gr*

P2-EE-408: *Déjà Vu: Eye Movements in Repeated Reading*

Presenting Author: **Yoav Meiri**, *Technion*
Yoav Meiri: *Technion*; **Yevgeni Berzak**: *Technion*

P2-EE-409: *Uncovering the Rules of Entity-Level Robotic Working Memory*

Presenting Author: **Rafael Sousa Silva**, *Colorado School of Mines*

Rafael Sousa Silva: *Colorado School of Mines*; **Tom Williams**: *Colorado School of Mines*

P2-EE-410: *Kinetic elements in genuflexion correlate with the degree of power relations in societal strata: The CONTROL IS UP metaphor in medieval miniatures*

Presenting Author: **Iraide Ibarretxe-Antuñano**, *University of Zaragoza*

Iraide Ibarretxe Antuñano: *University of Zaragoza*; **Andrea Ariño Bizarro**: *University of Zaragoza*; **David Moret Oliver**: *Real Estate Developer*; **María Teresa Moret-Oliver**: *University of Zaragoza*; **Guillermo Tomás Faci**: *Archivo*

P2-FF-411: *An Intuitive Physics Approach to Modeling Melodic Expectation*

Presenting Author: **Breanna K. Nguyen**, *Yale University*

Breanna K. Nguyen: *Yale University*; **Ilker Yildirim**: *Yale University*

P2-FF-412: *Inferring Musical Structure - A Hybrid Approach Combining Probabilistic Models and Reinforcement Learning*

Presenting Author: **Christoph Finkensiep**, *University of Amsterdam*

Christoph Finkensiep: *University of Amsterdam*

P2-GG-413: *Pupil dynamics preceding switches in task engagement*

Presenting Author: **Philippa A Johnson**, *Leiden University*

Philippa A Johnson: *Leiden University*; **Sander Nieuwenhuis**: *Leiden University*; **Anne Urai**: *Leiden University*

P2-GG-414: *How pupil tracks cognitive processes underlying internally- and externally-directed attention tasks*

Presenting Author: **Dr. Shilpa Dang**, *Indian Institute of Technology Jodhpur*

Adarsh Palaskar: *Indian Institute of Technology Jodhpur*; **Shilpa Dang**: *Indian Institute of Technology Jodhpur*

P2-GG-416: *Does prediction drive neural alignment in conversation?*

Presenting Author: **Emilia Kerr**, *Aix-Marseille University*

Emilia Kerr: *Aix-Marseille University*; **Kristof Strijkers**: *CNRS & Aix-Marseille University*; **Benjamin Morillon**: *Aix-Mareille University*

P2-GG-417: *What MEG can tell us about predictive processing during language comprehension*

Presenting Author: **Sahel Azizpour**, *Donders institute for brain, cognition and behaviour*

Sahel Azizpour: *Donders institute for brain, cognition and behaviour*; **Britta U. Westner**: *Donders institute for brain, cognition and behaviour*; **Umut Guclu**: *Donders institute for brain, cognition and behaviour*; **Linda Geerligs**: *Donders Institute for Brain, Cognition, and Behaviour*

P2-GG-418: *Prestimulus Periodic and Aperiodic Neural Activity Shapes McGurk Perception*

Presenting Author: **Vinsea A V Singh**, *National Brain Research Centre*

Vinsea A V Singh: *National Brain Research Centre*; **Vinodh G. Kumar**: *Penn State College of Medicine*; **Dr. Arpan Banerjee**: *National Brain Research Centre (NBRC)*; **Dr. Dipanjan Roy**: *Indian Institute of Technology Jodhpur*

P2-GG-419: *Superior Psychological Skills of Advanced Players in Esports: An Examination of Physiological Synchrony*

Presenting Author: **Ken Watanabe**, *NTT Communication Science Laboratories*

Ken Watanabe: *NTT Communication Science Laboratories*; **Naoki Saijo**: *NTT Communication Science Laboratories*; **Sorato Minami**: *Kashino Diverse Brain Research Laboratory*; **Makio Kashino**: *NTT Communication Science Laboratories*

P2-GG-420: *Know your body by heart: a taVNS study on body awareness*

Presenting Author: **Angelica Scuderi**, *Sapienza University of Rome*

Angelica Scuderi: *Sapienza University of Rome*; **Maria Luisa De Martino**: *Sapienza University of Rome*; **Erik Leemhuis**: *Sapienza University of Rome*; **Mariella Pazzaglia**: *Sapienza University of Rome*

P2-HH-421: *Professional Jazz Musicians Explore and Exploit a Space of Sounds*

Presenting Author: **Tevin Williams**, *University of California, Merced*

Tevin Williams: *University of California, Merced*; **Matthew Setzler**: *Meta*; **Minje Kim**: *University of Illinois Urbana-Champaign*; **Rachel Ryskin**: *University of California, Merced*; **Michael Spivey**: *UC Merced*; **Tyler Marghetis**: *University of California, Merced*

P2-HH-422: *Choose and Use: Users' Selection of Information Sources for Decision Support*

Presenting Author: **Yoav Ban Yaakov**, *Tel Aviv University*

Yoav Ben Yaakov: *Tel Aviv University*; **Joachim Meyer**: *Tel Aviv University*

P2-HH-423: *Study on Preferred Duration and Reimbursement in Web-Based Experiments*

Presenting Author: **Alina Palmetshofer**, *University of Tübingen*

Alina Palmetshofer: *University of Tübingen*; **Alice Winter**: *University of Tübingen*; **Carolin Dudschig**: *University of Tübingen*; **Barbara Kaup**: *University of Tübingen*

P2-HH-424: *Misfortunes never come singly: Reflections of the environment in a proverb*

Presenting Author: **Alex Odlum**, *University of Lausanne*

Alex Odlum: *University of Lausanne*; **Julian Marewski**: *University of Lausanne*; **Joerg Dietz**: *University of Lausanne*

P2-JJ-425: *Rethinking Inference: A Multidimensional Model of Inference for Human and Nonhuman Animals*

Presenting Author: **Sanja Srećković**, *Ruhr-Universität Bochum*

Albert Newen: *Ruhr-Universität Bochum*; **Sanja Sreckovic**: *Ruhr University Bochum*

P2-JJ-426: *Episodic memory in causal reasoning about singular events*

Presenting Author: **Sofiia Rappe**, *Ruhr University Bochum*

Sofiia Rappe: *Ruhr University Bochum*; **Markus Werning**: *Ruhr University Bochum*

P2-JJ-427: *Pluralism in Social Cognition and Predictive Processing*

Presenting Author: **Elmarie Venter**, *Ruhr University*

Elmarie Venter: *Ruhr University*

P2-JJ-428: *Multiple Realizability and the Rise of Deep Learning*

Presenting Author: **Sam McGrath**, *Jacob Russin, Brown University*

Sam Whitman McGrath: *Brown University*; **Jacob Russin**: *Brown*

P2-JJ-429: *Novel Predictions for Boundedly Rational Agents: A Bayesian Analysis*

Presenting Author: **Rafael Fuchs**, *Munich Center for Mathematical Philosophy, LMU Munich*

Rafael Fuchs: *Munich Center for Mathematical Philosophy, LMU Munich*; **Stephan Hartmann**: *LMU Munich*

P2-JJ-430: *Co-Simulations of Brain Language Processing using Neural Language Models*

Presenting Author: **Alessandro Acciai**, *University of Messina*

Nicola Angius: *University of Messina*; **Pietro Perconti**: *Università di Messina* ; **Alessio Plebe**: *University of Messina*; **Alessandro Acciai**: *University of Messina*

P2-JJ-431: *Sense of Agency: Towards Empirically Driven Measures and Understanding*

Presenting Author: **Robrecht van der Wel**, *Rutgers University*

Fatemeh Mahdinia: *Rutgers University*; **Amir Lindor**: *Rutgers University*; **Pernille Hemmer**: *Rutgers University*; **Robrecht van der Wel**: *Rutgers University*

P2-JJ-432: *Cascades, Leaps, and Strawmen: How Explanations Evolve*

Presenting Author: **Kara Kedrick**, *Carnegie Mellon University*

Kara Kedrick: *Carnegie Mellon University*; **Kevin J.S. Zollman**: *Carnegie Mellon University*; **Simon DeDeo**: *Carnegie Mellon University*

P2-JJ-433: *Causation on a continuum: normality effects on causal judgments*

Presenting Author: **Kaylee Miceli**, *Duke University*

Kaylee Miceli: *Duke University*; **Nina Van Rooy**: *Duke University*; **Kevin O'Neill**: *Duke University*; **Felipe DeBrigard**: *Duke University*

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P2-JJ-434: *Future Self-Identification is Influenced by the Vividness, Similarity, and Positivity of a Future Self Construct*

Presenting Author: **Michella Feldborg**, *University of Aberdeen*

Michella Feldborg: *University of Aberdeen*; **Jie Sui**: *University of Aberdeen*

P2-JJ-435: *Reasoning with Polysemes: When Default Inferences Beat Contextual Information*

Presenting Author: **Dimitra Lazaridou-Chatzigoga**, *University of East Anglia*

Eugen Fischer: *University of East Anglia*; **Paul Engelhardt**: *University of East Anglia*; **Dimitra Lazaridou-Chatzigoga**: *University of East Anglia*; **Kate Stanton**: *University of Pittsburgh*

P2-JJ-436: *Explaining the Conjunction Fallacy*

Presenting Author: **Borut Trpin**, *LMU Munich*

Borut Trpin: *LMU Munich*; **Stephan Hartmann**: *LMU Munich*

P2-JJ-437: *Modelling the prevalence of hidden profiles with complex argument structures*

Presenting Author: **Hendrik Siebe**, *University of Groningen*

Hendrik Siebe: *University of Groningen*

P2-KK-438: *Data-Driven Analysis of Physical and Mental Rotation Strategies*

Presenting Author: **Sven Bertel**, *highQ Computerlösungen GmbH*

Stefanie Wetzel: *highQ Computerlösungen GmbH*; **Sven Bertel**: *Flensburg University of Applied Sciences*

P2-LL-439: *The Dynamic Nature of Procrastination*

Presenting Author: **Peiyuan Zhang**, *New York University*

Peiyuan Zhang: *New York University*; **Yijun Lin**: *University of Florida*; **Falk Lieder**: *University of California, Los Angeles*; **Wei Ji Ma**: *New York University*

P2-LL-440: *Exploring the Discrepancy between Explicit and Implicit Keyboard Memory: The Role of Linguistic and Sensorimotor Context*

Presenting Author: **Francesco Ianì**, *Sapienza University of Rome*

Mara Stockner: *Sapienza University of Rome*; **Giuliana Mazzoni**: *Sapienza University of Rome*; **Francesco Ianì**: *University of Torino*

P2-LL-441: *Sense of Control in Dynamic Multitasking and its Impact on Voluntary Task-Switching Behavior*

Presenting Author: **Annika Österdiekhoff**, *Bielefeld University*

Annika Österdiekhoff: *Bielefeld University*; **Nils Wendel Heinrich**: *Universität zu Lübeck*; **Nele Russwinkel**: *Universität zu Lübeck*; **Stefan Kopp**: *Bielefeld University*

P2-LL-442: *Reach Tracking Reveals Distinct Inhibitory Control Processes in Adults' False Belief Inferences*

Presenting Author: **David Sobel**, *Brown University*

David M. Sobel: *Brown University*; **David G. Kamper**: *UCLA*; **Joo-Hyun Song**: *Brown University*

P2-LL-443: *Allocation of Fixational Eye Movements in Response to Uncertainty in Dynamic Environments*

Presenting Author: **Nikita Abalakin**, *Potsdam Universität*

Nikita Abalakin: *Potsdam Universität*; **Nils Wendel Heinrich**: *Universität zu Lübeck*; **Annika Österdiekhoff**: *Research Center Cognitive Interaction Technology (CITEC), Bielefeld University*; **Stefan Kopp**: *Bielefeld University*; **Nele Russwinkel**: *Universität zu Lüb*

P2-LL-444: *Goal-directed Allocation of Gaze Reflects Situated Action Control in Dynamic Tasks*

Presenting Author: **Nils Wendel Heinrich**, *Universität zu Lübeck*

Nils Wendel Heinrich: *Universität zu Lübeck*; **Annika Österdiekhoff**: *Bielefeld University*; **Stefan Kopp**: *Bielefeld University*; **Nele Russwinkel**: *Universität zu Lübeck*

P2-LL-445: *Acquiring Mastery: An Autoethnographic Case Study on Self-Directed Skill Attainment in Competitive eSports*

Presenting Author: **Noah Phillips**, *Rensselaer Polytechnic Institute*

Noah Phillips: *Rensselaer Polytechnic Institute*

P2-LL-446: *How does culture affect immersion during narrative reading?*

Presenting Author: **Francesca M M Citron**, *Lancaster University*

Ms. Tsz Chin Wong: *Lancaster University*; **Francesca M M Citron**: *Lancaster University*

P2-LL-447: *The Influence of Social Information and Presentation Interface on Aesthetic Evaluations*

Presenting Author: **Raja Marjieh**, *Max Planck Institute for Empirical Aesthetics*

Yoko Urano: *Max Planck Institute for Empirical Aesthetics*; **Raja Marjieh**: *Princeton University*; **Tom Griffiths**: *Princeton University* ; **Nori Jacoby**: *Max Planck Institute for Empirical Aesthetics*

P2-LL-448: *A Neural Process Model of Structure Mapping Accounts for Children's Development of Analogical Mapping by Change in Inhibitory Control*

Presenting Author: **Minseok Kang**, *Ruhr-Universität Bochum*

Minseok Kang: *Ruhr-Universität Bochum* ; **Daniel Sabinasz**: *Institut für Neuroinformatik*; **Gregor Schöner**: *Ruhr-Universität Bochum*

P2-LL-449: *Attention Due to Arousal Can Both Hinder and Facilitate the Discovery of Relations*

Presenting Author: **Penka Hristova**, *New Bulgarian University*

Penka Hristova: *New Bulgarian University*; **Nina Dimitrova**: *New Bulgarian University*

P2-LL-450: *Schema Drift: Relational Concept Stability Across Repeated Comparison*

Presenting Author: **Richard Vagnino**, *University of California San Diego*

Richard Vagnino: *University of California San Diego*; **Caren M. Walker**: *University of California San Diego*

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P2-LL-451: *How does comparing (dis)similar objects affect young children's creative idea generation? Exploring the role of diversity in facilitating creativity*

Presenting Author: **Chanhee Koo**, *Tsinghua University*

Chanhee Koo: *Tsinghua University*; **Honghong Bai**: *Radboud University*; **Aoxin Luo**: *Tsinghua University*; **Stella Christie**: *Tsinghua University*

P2-LL-452: *Virtually anything can happen: investigating short-term memory in capuchin monkeys using virtual environments*

Presenting Author: **Andreea Miscov**, *University of St Andrews*

Andreea Miruna Miscov: *University of St Andrews*; **Emma McEwen**: *University of St Andrews*; **Amanda Seed**: *University of St Andrews*

P2-LL-453: *The statistician baboon: papio papio's understanding of noisy linear patterns*

Presenting Author: **Lorenzo Ciccione**, *Collège de France - PSL University*

Lorenzo Ciccione: *Collège de France - PSL University*

P2-LL-454: *Dynamics and Sociality of Synchronized Arousal between Dancer and Audience in Breakdance Battle Scenes*

Presenting Author: **Daichi Shimizu**, *Graduate School of Human Development and Environment*

Daichi Shimizu: *Graduate School of Human Development and Environment*; **Shuhei Tsuchida**: *Ochanomizu University*; **Ayumi Ohnishi**: *Kobe University*; **Tsutomu Terada**: *Kobe University*; **Masahiko Tsukamoto**: *Kobe University*

P2-LL-455: *Exploring the Dynamics of Dyadic Communication and Performance in Acting Training*

Presenting Author: **Jingyan Sun**, *The University of Tokyo*

Jingyan Sun: *The University of Tokyo*; **Takeshi Okada**: *The University of Tokyo*

P2-LL-456: *A Causal Link between Working Memory Capacity and Attention Distribution in Category Learning*

Presenting Author: **Qianqian Wan**, *Ohio State University*

Qianqian Wan: *Ohio State University*

P2-LL-457: *Visual engagement is not synonymous with learning in young children*

Presenting Author: **Sarah Stolp Shepherd**, *University of California, Berkeley*

Sarah Stolp Shepherd: *University of California, Berkeley*; **Celeste Kidd**: *University of California, Berkeley*

P2-LL-458: *Forging a head: how environmental elements influence the perception of a shape's facing direction*

Presenting Author: **Jiangxue Valentina Ning**, *The New School*

Jiangxue Valentina Ning: *The New School*; **Benjamin F. van Buren**: *The New School*

P2-LL-459: *Illusory Contour Clarity does not guide visual search but Surface Representations do*

Presenting Author: **Zorana Zupan**, *University of Belgrade*

Zorana Zupan: *University of Belgrade*; **Dr Vasilije Gvozdenovic**: *University of Belgrade*

P2-LL-460: *Perceptual Category Learning Results in Modality-Specific Representations*

Presenting Author: **Casey L. Roark**, *University of New Hampshire*

Casey L Roark: *University of New Hampshire*

P2-LL-461: *Boundedness is Represented in Visual and Auditory Event Cognition*

Presenting Author: **Bahar Tarakçı**, *Özyeğin University*

Bahar Tarakçı: *Özyeğin University*; **Ceren Barış**: *Özyeğin University*; **Ercenur Ünal**: *Özyeğin University*

P2-LL-463: *Risk Communication with Icon Arrays in Online Decision Making*

Presenting Author: **Jingqi Yu**, *University of Toronto*

Jingqi Yu: *University of Toronto*

P2-LL-464: *Unraveling Overreaction in Expectations: Leveraging Cognitive Sampling Algorithms in Price Prediction Tasks*

Presenting Author: **Yuqi Zhou**, *University of Warwick*

Yuqi Zhou: *University of Warwick*; **Jian-Qiao Zhu**: *Princeton University*; **Jake Spicer**: *University of Warwick*; **Adam Sanborn**: *University of Warwick*

P2-LL-465: *Properties and predictiveness of affective prediction errors*

Presenting Author: **Marius C Vollberg**, *University of Amsterdam*

Marius C Vollberg: *University of Amsterdam*

P2-LL-466: *Curiosity act as a rational learning opportunity signal: information source credibility predicts curiosity and trivia fact learning*

Presenting Author: **Linus Holm**, *University of Umeå*

Linus Holm: *University of Umeå*; **Paul Schrater**: *University of Minnesota, Twin Cities*; **Felix Thiel**: *Department for Psychology*

P2-LL-467: *Experimental Emergence of Conventions in Humans: Emergence, stability and cognitive implications*

Presenting Author: **Oviya Mohan**, *University of Rochester*

Oviya Mohan: *University of Rochester*; **Dora Biro**: *University of Rochester*

P2-LL-468: *The Mere Reminder of Others: A Cognitive Modelling Approach to the Implicit Bystander Effect*

Presenting Author: **Chris M. Stolle**, *Lingnan University*

Chris M. Stolle: *Lingnan University*; **Yi Huang**: *Lingnan University*

P2-LL-469: *Information foraging in human-ChatGPT interactions: factors of computational thinking dissociate exploration and exploitation*

Presenting Author: **Pablo Flores**, *University of Helsinki*

Pablo Flores: *University of Helsinki*; **Benjamin Cowley**: *University of Helsinki*; **Guang Rong**: *University of Helsinki*

P2-LL-470: *Stratified Income Inequality: Unravelling the Influence of Income Inequality Concentration on status seeking, A Study Using Large-Scale Human Mobility Data*

Presenting Author: **Yuqi Ye**, *University of Warwick*

Yuqi Ye: *University of Warwick*; **Lukasz Walasek**: *University of Warwick*; **Gordon Brown**: *University of Warwick*

P2-LL-471: *The Transferability of Explanation-Induced Knowledge Reassessment*

Presenting Author: **Julianne Wilson**, *Lehigh University*

Julianne Wilson: *Lehigh University*; **Jessecae K. Marsh**: *Lehigh University*

P2-LL-472: *Sense-making: How do we form ad hoc theories?*

Presenting Author: **Izabele Jonusaite**, *Massachusetts Institute of Technology*

Izabele Jonusaite: *Massachusetts Institute of Technology*; **Karla E Perez**: *MIT*; **Max Siegel**: *Massachusetts Institute of Technology*; **Laura Schulz**: *Massachusetts Institute of Technology*

P2-LL-473: *Distinguishing Between Process Models of Causal Learning*

Presenting Author: **Lucas Castillo**, *University of Edinburgh*

Simon Valentin: *University of Edinburgh*; **Lucas Castillo**: *University of Warwick*; **Adam Sanborn**: *University of Warwick*; **Chris Lucas**: *University of Edinburgh*

P2-LL-474: *Belief updating patterns and social learning in stable and dynamic environments*

Presenting Author: **Trisevgeni Papakonstantinou**, *University College London*

Trisevgeni Papakonstantinou: *University College London*; **Nichola J Raihani**: *University College London*; **David Lagnado**: *University College London*

P2-LL-475: *Effects of causal structure and evidential impact on probabilistic reasoning*

Presenting Author: **Can Konuk**, *Institut Jean Nicod*

Can Konuk: *Institut Jean Nicod*; **Nicolas Navarre**: *University of Edinburgh*; **Salvador Mascarenhas**: *Ecole Normale Supérieure*

P2-LL-476: *"I'm here for my gender, not my skill": Causal reasoning shapes beliefs about merit in response to DEI initiatives*

Presenting Author: **Aarthi Popat**, *Yale University*

Aarthi Popat: *Yale University*; **Julia Anne Leonard**: *Yale University*

P2-LL-477: *Generating Distributed Randomness using Artificial Neural Networks*

Presenting Author: **Kinsey Antonina Church**, *University of Ottawa*

Kinsey A Church: *University of Ottawa*; **Marija Bolic**: *University of Ottawa*; **Sylvain Chartier**: *University of Ottawa*

P2-LL-478: *A "Rational" Framework for Self-Control*

Presenting Author: **Adan Alberto Gomez**, *Rensselaer Polytechnic Institute*

Adan Alberto Gomez: *Rensselaer Polytechnic Institute*; **Ron Sun**: *RPI*

P2-LL-479: *Data-driven cognitive skills with an application in personalized education*

Presenting Author: **Niels Taatgen**, *University of Groningen*

Niels Taatgen: *University of Groningen*; **Corné Hoekstra**: *University of Groningen*; **Jori Blankestijn**: *MemoryLab*

P2-LL-480: *Modeling the development of intuitive mechanics*

Presenting Author: **Joshua K. Hartshorne**, *Boston College*

Tianyi Li: *Boston College*; **Mengguo Jing**: *The Ohio State University*; **Zakir Makhani**: *Northeastern University*; **Iris Oved**: *Boston College*; **Nikhil Krishnaswamy**: *Colorado State University*; **James Pustejovsky**: *Brandeis University*; **Joshua K Hartshorne**: *Boston Coll*

P2-LL-481: *The Development of Conceptual Compositionality in Children*

Presenting Author: **Stephanie Alderete**, *University of California, Berkeley*

Stephanie Alderete: *University of California, Berkeley*; **Wenqing Cao**: *University of California, Berkeley*; **Steven Piantadosi**: *UC Berkeley*; **Fei Xu**: *UC Berkeley*

P2-LL-482: *The effect of encoding context on false memory formation in a picture-based category associates procedure*

Presenting Author: **İrem Küsmüş**, *Sabancı University*

İrem Küsmüş: *Sabancı University*; **Olesya Blazhenkova**: *Sabanci University*

P2-LL-483: *Probability Learning and Repeated Choice in Childhood: A Longitudinal Study*

Presenting Author: **Anna I. Thoma**, *Max-Planck-Institute for Human Development*

Anna Isabel Thoma: *Max-Planck-Institute for Human Development*; **Christin Schulze**: *UNSW*

P2-LL-484: *The development of mental simulation as a strategy for solving problems with multiple alternatives*

Presenting Author: **Emma Tecwyn**, *York St John University*

Emma C Tecwyn: *York St John University*; **Angela Nyhout**: *University of Kent*

P2-LL-485: *Brain Breaks: Teacher Usage And Child Preference*

Presenting Author: **Praveen Kumaravelan**, *University of Maryland, Baltimore County*

Praveen Kumaravelan: *University of Maryland, Baltimore County*; **Audrey Leroux**: *Georgia State University*; **Karrie E. Godwin**: *University of Maryland Baltimore County*

P2-LL-486: *Can we Google That?: Children's Beliefs about the Capacities of Three Technological Devices*

Presenting Author: **Lauren Girouard-Hallam**, *University of Michigan*

Lauren Girouard-Hallam: *University of Michigan*; **Judith Danovitch**: *University of Louisville*

P2-LL-487: *Two heads are better than one: Six-year-olds' use of social cognitive offloading in working memory*

Presenting Author: **Chen Cheng**, *the Hong Kong University of Science and Technology*

Chen Cheng: *the Hong Kong University of Science and Technology*; **Hongdian Zhang**: *the Hong Kong University of Science and Technology*

P2-LL-488: *Developmental Origins of Ordered Memory Recall Tendencies*

Presenting Author: **Lily Dicken**, *University of Queensland*

Lily S Dicken: *University of Queensland*; **Thomas Suddendorf**: *University of Queensland*; **Kristy L Armitage**: *The University of Queensland*; **Jonathan Redshaw**: *University of Queensland*

P2-LL-489: *Pupil dynamics open eyes to links between word learning and interest*

Presenting Author: **Samuel Forbes**, *Durham University*

Samuel Forbes: *Durham University*; **Lucy Elizabeth Edgar**: *Durham University*; **Shuai Shao**: *Bard College*

P2-LL-490: *Function composition in human infants: 15-month-olds spontaneoulsy combine two newly learned functions of a tool*

Presenting Author: **Barbara Pomiechowska**, *Univeristy of Birmingham*

Barbara Pomiechowska: *Univeristy of Birmingham*; **Erno Teglas**: *Central European University*; **Agnes Kovacs**: *Central European University*

P2-LL-491: *Compositionality in Chinese Characters: Evidence from English-speaking Children*

Presenting Author: **Min Tang**, *University of California, Berkeley*

Min Tang: *University of California, Berkeley*; **Rongzhi Liu**: *University of Chicago*; **Fei Xu**: *UC Berkeley*

P2-LL-492: *Violations of Core Object Principles Change Adults' Behaviors in Maze Games*

Presenting Author: **Rongzhi Liu**, *University of Chicago*

Rongzhi Liu: *University of Chicago*; **Fei Xu**: *UC Berkeley*

P2-LL-493: *Show me, don't teach me: Active exploration promotes children's relational reasoning*

Presenting Author: **Jiyue Yang; Sophia Deng**, *University of Macau*

Jiyue Yang: *University of Macau*; **Yu Han**: *University of Macau*; **Sophia W Deng**: *Xi'an Jiaotong-Liverpool University*

P2-LL-494: *Parents modify their prosody when asking questions with pedagogical intent*

Presenting Author: **Igor Bascandziev**, *Harvard University*

Igor Bascandziev: *Harvard University*; **Patrick Shafto**: *Rutgers University - Newark*; **Elizabeth Bonawitz**: *Harvard University*

P2-LL-495: *Communication-based belief attribution: Do infants encode better others' beliefs induced via communication or the ones induced via visual cues?*

Presenting Author: **Bartug Celik**, *Central European University*

Bartug Celik: *Central European University*; **Agnes Kovacs**: *Central European University*

P2-LL-496: *Multi-level Team Coordination Dynamics during Simulation-Based Medical Team Training*

Presenting Author: **Travis J. Wiltshire**, *Tilburg University*

Kyana van Eijndhoven: *Tilburg University*; **Travis J. Wiltshire**: *Tilburg University*; **Josette M.P. Gevers**: *Eindhoven University of Technology*; **Elwira A. Hałgas**: *Eindhoven University of Technology*; **Annemarie Fransen**: *Máxima Medisch Centrum*

P2-LL-497: *Beyond synchrony: Exploring the social relevance of complexity matching.*

Presenting Author: **Amber Brown**, *University of Western Australia*

Amber Jade Brown: *University of Western Australia*; **Margaret Catherine Macpherson**: *Macquarie University*; **Lynden K. Miles**: *University of Western Australia*

P2-LL-498: *Reward Count(s): Negative Recency in Probabilistic Experience-Based Learning*

Presenting Author: **René Schlegelmilch**, *University of Bremen*

René Schlegelmilch: *University of Bremen*; **Andy J Wills**: *Plymouth University*; **Bettina von Helversen**: *University of Bremen*

P2-LL-499: *The TECo Database: Insights on The Semantic Organization of The Ecological Domain.*

Presenting Author: **Ilenia Falcinelli**, *Sapienza University of Rome*

Ilenia Falcinelli: *Sapienza University of Rome*; **Chiara Fini**: *Sapienza University of Rome*; **Claudia Mazzuca**: *Sapienza University of Rome*; **Anna Borghi**: *Sapienza University of Rome*

P2-LL-500: *Individual Differences in Concept Dominance*

Presenting Author: **Willem Jacob Louter**, *Erasmus University Rotterdam*

Willem Jacob Louter: *Erasmus University Rotterdam*; **Sam Jabbari**: *Erasmus University Rotterdam*; **Sandra Blythin Constantinou Juhasz**: *Erasmus University Rotterdam*; **Steven Verheyen**: *Erasmus University Rotterdam*

P2-LL-501: *Using eye fixations in probabilistic categorization to predict declarative retrieval on relevant exemplar features*

Presenting Author: **Martín Montesinos**, *Universidad Adolfo Ibáñez*

Martín Montesinos: *Universidad Adolfo Ibáñez*; **Antonia Olguí**: *Universidad Adolfo Ibáñez*; **vicente soto**: *Universidad Adolfo Ibañez*; **Sergio E. Chaigneau**: *Adolfo Ibanez University*; **Nicolas Marchant**: *Universidad Adolfo Ibáñez*

P2-LL-502: *Visual alignment promotes rapid learning of functional relations*

Presenting Author: **Yujia Zhang**, *The Ohio State University*

Yujia Zhang: *The Ohio State University*; **John Opfer**: *The Ohio State University*

P2-LL-503: *The effect of jargon on perceptions of explanation quality: Reconciling contradictory findings*

Presenting Author: **Francisco Cruz**, *Faculty of Psychology, University of Lisbon*

Francisco Cruz: *Faculty of Psychology, University of Lisbon*; **Tania Lombrozo**: *Princeton University*

P2-LL-504: *Iconic Gestures – a Double-Edged Sword for Creative Imagery*

Presenting Author: **Gyulten Hyusein**, *Koç University*

Gyulten Hyusein: *Koç University*; **Dila Gürer**: *Koç University*; **Melek Öyküm Yalçın**: *Goethe University*; **Tilbe Göksun**: *Koç University*

P2-LL-505: *Exploring Individuality in Dance: Unveiling Unique Signatures of Dancers in Choreographic and Dyadic Dance Settings*

Presenting Author: **Prince Varshney**, *International Institute of Information Technology, Hyderabad*

Prince Varshney: *International Institute of Information Technology, Hyderabad*; **Martin Hartmann**: *University of Jyväskylä*; **Emily Carlson**: *University of Jyväskylä*; **Petri Toiviainen**: *University of Jyväskylä*; **Vinoo Alluri**: *International Institute of Informatio*

P2-LL-506: *Impact of dancers' music-induced emotions on their body movements*

Presenting Author: **Yukina Natsume**, *NTT Communication Science Laboratories*

Yukina Natsume: *NTT Communication Science Laboratories*; **Aiko Murata**: *Nippon Telegraph and Telephone Corporation*; **Kazuaki Honda**: *Nippon Telegraph and Telephone Corporation*; **Naoki Saijo**: *NTT Communication Science Laboratories*

P2-LL-507: *Three perspectives on decisions under risk and uncertainty: A comparative analysis of potential discrepancies and their explanations*

Presenting Author: **Olivia Fischer**, *University of Zurich*

Olivia Fischer: *University of Zurich*; **Aaron Benjamin Lob**: *University of Zurich*; **Renato Frey**: *University of Zurich*

P2-LL-508: *Uncertainty-driven little alchemists: Differences in exploration strategies between adults and children in an online game*

Presenting Author: **Franziska Brändle**, *Max Planck Institute for Biological Cybernetics*

Franziska Brändle: *Max Planck Institute for Biological Cybernetics*; **Silja Kessler**: *Max Planck Institute for Biologial Cybernetics*; **Azzurra Ruggeri**: *Technical University Munich*; **Eric Schulz**: *Max Planck Institute for Biological Cybernetics*

P2-LL-509: *Recovering individual mental representations of facial affect using Variational Auto-Encoder Guided Markov Chain Monte Carlo with People*

Presenting Author: **Haijiang Yan**, *University of Warwick*

Haijiang Yan: *University of Warwick*; **Nick Chater**: *University of Warwick*; **Christian Tsvetkov**: *University of Warwick*; **Adam Sanborn**: *University of Warwick*

P2-LL-510: *Mood and social influence: the role of metacognitive ability*

Presenting Author: **Cem Karbuz**, *Koç University*

Cem Karbuz: *Koç University*; **Terry Eskenazi**: *Koc University*

P2-LL-511: *Full-Information Optimal-Stopping Problems: Providing People with the Optimal Policy Does not Improve Performance*

Presenting Author: **Henrik Singmann**, *UCL*

Henrik Singmann: *UCL*; **Yunxi Xiong**: *UCL*; **Yue SONG**: *UCL*; **Mia Breen**: *University College London*; **Christiane Baumann**: *Harvard Kennedy School*

P2-LL-512: *A Question of Beliefs. Metacognitive Judgments about Fake News Detection*

Presenting Author: **Nora Cremille**, *Technische Universität Darmstadt*

Nora Cremille: *Technische Universität Darmstadt*; **Björn Mattes**: *Technische Universität Darmstadt*; **Stephanie Pieschl**: *Technische Universität Darmstadt*

P2-LL-513: *Framing the Exploration-Exploitation Trade-Off: Distinguishing Between Minimizing Losses and Maximizing Gains*

Presenting Author: **Ludwig Danwitz**, *University of Bremen*

Ludwig Danwitz: *University of Bremen*; **Ann-Katrin Hosch**: *University of Bremen*; **Bettina von Helversen**: *University of Bremen*

P2-LL-514: *Choice Architecture Induces Distortions in Economic Values: a Test across Two Memory Elicitations*

Presenting Author: **Magdalena Soukupova**, *Ecole Normale Superieure*

Magdalena Soukupova: *Ecole Normale Superieure*; **Stefano Palminteri**: *École normale supérieure*

P2-LL-515: *Comparing Theories that Posit a Role for Task Features in Strategy Selection*

Presenting Author: **Xinyu Xie**, *Mississippi State University*

Xinyu Xie: *Mississippi State University*; **Jarrod Moss**: *Mississippi State University*

P2-LL-516: *Social Learning via Bayesian Inverse Reinforcement Learning: Learning from and about a Learner*

Presenting Author: **Alexandra F. Ortmann**, *Stony Brook University*

Alexandra Ortmann: *Stony Brook University*; **Anurag Dutt**: *Stony Brook University*; **Christian Luhmann**: *Stony Brook University*

P2-LL-517: *Modeling Social Learning Through Demonstration in Multi-Armed Bandits*

Presenting Author: **Julio Martinez**, *Stanford University*

Julio Martinez: *Stanford University*; **Michael C. Frank**: *Stanford University*; **Nick Haber**: *Stanford*

P2-LL-518: *Timing Is Everything: Effects Of Temporal Delay Of Confidence Judgments In Memory Decision-Making*

Presenting Author: **Isabella Klopukh**, *Florida Atlantic University*

Isabella Rose Sky Klopukh: *Florida Atlantic University*; **Kevin P Darby**: *Florida Atlantic University*

P2-LL-519: *Temporally extended decision-making through episodic sampling*

Presenting Author: **Corey Zhou**, *University of California, San Diego*

Corey Yishan Zhou: *University of California, San Diego*; **Deborah Talmi**: *University of Cambridge*; **Nathaniel Daw**: *Princeton University*; **Marcelo G Mattar**: *New York University*

P2-LL-520: *The Effects of Repetition on Truth Judgments and Confidence for Statements with Different Truth Values*

Presenting Author: **Terry Eskenazi**, *Koç University*

Derin Eda Saniz Balderrama: *Koç University*; **Terry Eskenazi**: *Koç University*; **Esra Oğuz Taşbaş**: *29 Mayis University*

P2-LL-521: *Modeling the Link between the Plausibility of Statements and the Illusory Truth Effect*

Presenting Author: **Semih C. Aktepe**, *University of Marburg*

Semih C. Aktepe: *University of Marburg*; **Daniel W. Heck**: *University of Marburg*

P2-LL-522: *Self induced framing as a cognitive strategy for decision-making*

Presenting Author: **Marc-Lluis Vives**, *Leiden University*

Marc-Lluis Vives: *Leiden University*; **Pablo Leon Villagra**: *Brown University*

P2-LL-523: *Partial Verb Learning via Observational Contexts*

Presenting Author: **Nina Schoener**, *University of California, Berkeley*

Nina Schoener: *University of California, Berkeley*; **Sumarga H. Suanda**: *University of Connecticut*

P2-LL-524: *Social norms as an interactive process: An agent-based cognitive modelling study*

Presenting Author: **Marieke Woensdregt**, *Radboud University*

Yue Chen: *Radboud University*; **Tibor Bosse**: *Radboud University*; **Marieke Woensdregt**: *Radboud University*

P2-LL-525: *Perceived Vocal Congruence Varies Across Gender Identities*

Presenting Author: **Chiara De Livio**, *Sapienza Univerisity of Rome*

Chiara De Livio: *Sapienza Univerisity of Rome*; **Claudia Mazzuca**: *Sapienza University of Rome*; **chiara fini**: *Sapienza University of Rome*; **Anna Borghi**: *Sapienza University of Rome*

P2-LL-526: *Feelings and Actions in Threatening Virtual Reality Environments*

Presenting Author: **Lukas Kornemann**, *University of Bonn*

Lukas Kornemann: *University of Bonn*; **Ulises Daniel Serratos Hernandez**: *UCL Queen Square Institute of Neurology, University College London*; **Jules Brochard**: *University of Bonn*; **Dominik R. Bach**: *University College London*

P2-LL-527: *Transition Expertise: A study of individuals who succeeded repeatedly in life and career transitions*

Presenting Author: **Fernand Gobet**, *London School of Economics and Political Science*

Christopher Connolly: *N/A*; **Fernand Gobet**: *London School of Economics and Political Science*

P2-LL-528: *What can language tell us about anxiety: A novel emotion Stroop task*

Presenting Author: **Alina Hussain**, *University of Birmingham*

Alina Hussain: *University of Birmingham*; **Yaling Hsiao**: *University of Birmingham*

P2-LL-529: *The Language of an Empathy-Inducing Narrative*

Presenting Author: **Emma S. Gueorguieva**, *The University of Texas at Austin*

Emma Gueorguieva: *The University of Texas at Austin*; **Tatiana Lau**: *Toyota Research Institute*; **Eliana Hadjiandreou**: *University of Texas at Austin*; **Desmond Ong**: *The University of Texas at Austin*

P2-LL-530: *Effects of Dynamic Facial Expressions of Positive and Negative Emotions on Recognition Memory*

Presenting Author: **Mika Wakui**, *Waseda University*

Mika Wakui: *Waseda University*; **Kae Mukai**: *Waseda University*; **Chihiro Saegusa**: *Kao Corporation*; **Haruko Sugiyama**: *Kao Corporation*; **Yoko Tsuchiya**: *Kao Corporation*; **Misaki Kawashima**: *Kao Corporation.*; **Katsumi Watanabe**: *Waseda University*

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P2-LL-531: *Intervening on Emotions by Planning Over a Theory of Mind*

Presenting Author: **Tony Chen**, *MIT*

Tony Chen: *MIT;* **Sean Dae Houlihan**: *Dartmouth;* **Kartik Chandra**: *MIT;* **Josh Tenenbaum**: *MIT;* **Rebecca Saxe**: *MIT*

P2-LL-532: *Access to inner language enhances memory for events*

Presenting Author: **Louise Connell**, *Maynooth University*

Louise Connell: *Maynooth University;* **Briony Banks**: *Lancaster University*

P2-LL-533: *When does suggestive language shape memory for car accidents? Assessing the role of elaboration and pragmatics in a classic framing effect*

Presenting Author: **Kevin J. Holmes**, *Reed College*

Kevin J. Holmes: *Reed College;* **Lena Kassin**: *Reed College;* **Stephen Flusberg**: *Vassar College*

P2-LL-534: *Are Abstract Relational Roles Encoded Visually? Evidence from Priming Effects*

Presenting Author: **Alexander Alexandrov Petrov**, *Ohio State University*

Alexander Alexandrov Petrov: *Ohio State University;* **Yuhui Du**: *Ohio State University*

P2-LL-535: *What binds non-contiguous events together?*

Presenting Author: **Viviana Sastre Gomez**, *The University of Melbourne*

Viviana Sastre Gomez: *The University of Melbourne;* **Rebecca Defina**: *University of Melbourne;* **Paul Michael Garrett**: *University of Melbourne;* **Jeffrey M. Zacks**: *Washington University in Saint Louis;* **Simon Dennis**: *The University of Melbourne*

P2-LL-536: *Event Distribution in Daily Life: A Replication Study.*

Presenting Author: **Viviana Sastre Gomez**, *The University of Melbourne*

Viviana Sastre Gomez: *The University of Melbourne;* **Rebecca Defina**: *University of Melbourne;* **Paul Michael Garrett**: *University of Melbourne;* **Jeffrey M. Zacks**: *Washington University in Saint Louis;* **Simon Dennis**: *The University of Melbourne*

P2-LL-537: *Exploring the Influence of Verbal and Nonverbal Similarities on the Verbal Overshadowing Effect in Facial Recognition*

Presenting Author: **Yuki Tsukamura**, *The University of Tokyo*

Yuki Tsukamura: *The University of Tokyo;* **Kensuke Okada**: *The University of Tokyo*

P2-LL-538: *Intentional facial expression variation per taste preference for beverages*

Presenting Author: **Kae Mukai**, *Faculty of Science and Engineering*

Kae Mukai: *Faculty of Science and Engineering;* **kensuke nakazato**: *Faculty of Science and Engineering;* **Katsumi Watanabe**: *Waseda University*

P2-LL-539: *Mind Perception at Play: Exploring Agent and Action Dynamics in Real-Time Human-Robot Interaction*

Presenting Author: **Tuğçe Nur Pekçetin**, *Middle East Technical University*

Tuğçe Nur Pekçetin: *Middle East Technical University;* **Şeyda Evsen**: *Bilkent University;* **Serkan Pekçetin**: *Middle East Technical University;* **Cengiz Acarturk**: *Jagiellonian University;* **Burcu A. Urgen**: *Bilkent University*

P2-LL-540: *Sorry! You lost me at restudy: The power of engagement during successive study*

Presenting Author: **Alejandro Carranza**, *University of California, San Diego*

Alejandro Carranza: *University of California, San Diego;* **Emma H Geller**: *University of California San Diego;* **Tim C Rickard**: *University of California, San Diego*

P2-LL-541: *The role of interaction in online language learning*

Presenting Author: **Olga Feher**, *University of Warwick*

Olga Feher: *University of Warwick*

P2-LL-542: *Conversational launch pads: Strangers start their conversations with topics that lead to many other topics*

Presenting Author: **Emma Templeton**, *Dartmouth*

Emma Templeton: *Dartmouth;* **Luke Chang**: *Dartmouth College;* **Thalia Wheatley**: *Dartmouth*

P2-LL-543: *Slow mapping words as incremental meaning refinement*

Presenting Author: **Ella Markham**, *The University of Edinburgh*

Ella Markham: *The University of Edinburgh;* **Hugh Rabagliati**: *University of Edinburgh;* **Neil R. Bramley**: *University of Edinburgh*

P2-LL-544: *Disfluency in Speech and Gestures: Windows into Metacognitive Processes*

Presenting Author: **Begüm Yılmaz**, *Koc University*

Begum Yilmaz: *Koc University;* **Emel Nur Kaya**: *Baskent University;* **Sultan Karakaş**: *Hacettepe University;* **Reyhan Furman**: *University of Central Lancashire;* **Tilbe Göksun**: *Koç University;* **Terry Eskenazi**: *Koc University*

P2-LL-545: *Does child-directed speech facilitate language development in all domains? A study space analysis of the existing evidence.*

Presenting Author: **Vera Kempe**, *Abertay University*

Vera Kempe: *Abertay University;* **Mitsuhiko Ota**: *University of Edinburgh;* **Sonja Schaeffler**: *Queen Margaret University Edinburgh*

P2-LL-546: *A Comparative Bayesian Meta-Analysis of Reaction Time-Based Tasks in Developmental Dyslexia*

Presenting Author: **Nicole Zapparrata**, *College of Staten Island*

Nicole Zapparrata: *College of Staten Island*; **Christopher Donnan Gravelle**: *College of Staten Island, CUNY*; **Patricia J. Brooks**: *College of Staten Island and the Graduate Center, CUNY*

P2-LL-547: *A large-scale comparison of cross-situational word learning models*

Presenting Author: **George Kachergis**, *Stanford University*

George Kachergis: *Stanford University*; **Michael C. Frank**: *Stanford University*

P2-LL-548: *What are you looking at? Beyond typing speed and formal training for assessing typing expertise*

Presenting Author: **Svetlana Pinet**, *BCBL*

Svetlana Pinet: *BCBL*

P2-LL-549: *The time boundary of sensorimotor integration between graspable object nouns and adjectives: behavioural evidence.*

Presenting Author: **Gioacchino Garofalo**, *University of Bologna*

Gioacchino Garofalo: *University of Bologna*; **Lucia Riggio**: *University of Parma*; **Francesco Bianchini**: *University of Bologna*; **Elena Gherri**: *Università di Bologna*

P2-LL-550: *Investigating Exemplar-Based Processes in Quantitative Judgments: A Multi-Method Approach*

Presenting Author: **Florian I Seitz**, *University of Basel*

Florian I Seitz: *University of Basel*; **Rebecca Albrecht**: *Faculty of Psychology, University of Basel*; **Bettina von Helversen**: *University of Bremen*; **Jörg Rieskamp**: *Faculty of Psychology, University of Basel*; **Agnes Rosner**: *Institute of Psychology, Leibniz Univ*

P2-LL-551: *Towards a Unified Model Describing Multiple Tasks: Extending the Retrieving Effectively from Memory Model to Categorization*

Presenting Author: **Sinem Aytac**, *Syracuse University*

Sinem Aytac: *Syracuse University*; **Yu-Wei Chang**: *Syracuse University*; **Michael Kalish**: *Syracuse University*; **Daniel Corral**: *Syracuse University*

P2-LL-552: *Ingredients of a Narrative: How an Abstract Feature Space and Event Position Contribute to a Situation Model*

Presenting Author: **Silvy H.P. Collin**, *Radboud University*

Rene Terporten: *Radboud University*; **Roel M. Willems**: *Radboud University*; **Monique Flecken**: *University of Amsterdam*; **Silvy H.P. Collin**: *Tilburg University*

P2-E-553: *Evaluating language model alignment with free associations*

Presenting Author: **Dirk Wulff**, *Max Planck Institute for Human Development*

Dirk U Wulff: *Max Planck Institute for Human Development*; **Zak Hussain**: *University of Basel*; **Samuel Aeschbach**: *Max Planck Institute for Human Development*; **Rui Mata**: *University of Basel*

P2-LL-554: *Toward a Computational Model of Design Abstraction for Ill-Structured Problems*

Presenting Author: **Ryan Bruggeman**, *Northeastern University*

Ryan Bruggeman: *Northeastern University*; **Estefania Ciliotta Chehade**: *Northeastern University*; **Tucker J Marion**: *Northeastern University*; **Paolo Ciuccarelli**: *Northeastern University*

P2-LL-555: *On quantifying schematicity of future narratives*

Presenting Author: **Isaac Kinley**, *University of Toronto*

Isaac Kinley: *University of Toronto*; **Donna Rose Addis**: *Rotman Research Institute*; **Samuel Fynes-Clinton**: *Rotman Research Institute*; **Reece Roberts**: *University of Auckland*; **Yang Xu**: *University of Toronto*

P2-LL-556: *Does implicit mentalising involve the representation of others' mental state content? Examining domain-specificity with an adapted Joint Simon task: A registered report*

Presenting Author: **Malcolm Ka Yu Wong**, *Lancaster University*

Malcolm Ka Yu Wong: *Lancaster University*; **Marina Bazhydai**: *Lancaster University*; **Calum Hartley**: *Lancaster University*; **Jessica Wang**: *Lancaster University*

P2-LL-557: *Impact of nameability, presentation configuration, and placement structure on object location memory*

Presenting Author: **Flurina L. Brodwolf**, *University of Bern*

Flurina L. Brodwolf: *University of Bern*; **Beat Meier**: *University of Bern*

P2-LL-558: *Thinking in proportions rather than probabilities facilitates Bayesian reasoning*

Presenting Author: **Katharina Loibl & Timo Leuders**, *University of Education Freiburg*

Katharina Loibl: *University of Education Freiburg*; **Timo Leuders**: *University of Education Freiburg*

P2-LL-559: *A Rational Analysis of the Speech-to-Song Illusion*

Presenting Author: **Raja Marjieh**, *Princeton University*

Raja Marjieh: *Princeton University*; **Pol van Rijn**: *Max Planck Institute for Empirical Aesthetics*; **Ilia Sucholutsky**: *Princeton University*; **Harin Lee**: *Max Planck Institute for Human Cognitive and Brain Sciences*; **Tom Griffiths**: *Princeton University* ; *Nori Jac*

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P2-LL-560: *Evaluating the Predictive Power of Tasks and Items in IQ Tests*

Presenting Author: **Sara Todorovikj**, *HBK-Zwickau*

Joshua Blickle: *HBK-Zwickau*; **Sara Todorovikj**: *University of Technology Chemnitz*; **Marco Ragni**: *TU Chemnitz*

P2-LL-561: *Visual accentuation constrains the structure of perceptual organization*

Presenting Author: **Liga Zarina**, *University of Latvia*

Jurgis Skilters: *University of Latvia*; **Liga Zarina**: *University of Latvia*; **Baingio Pinna**: *University of Sassari*; **Megija Lelde Gintere**: *University of Latvia*; **Santa Bartuševica**: *University of Latvia*; **Solvita Umbrasko**: *University of Latvia*; **Ardis Platkājis**: *R*

P2-LL-562: *Randomly Generating Stereotypes: Can We Understand Implicit Attitudes with Random Generation?*

Presenting Author: **Johanna Falben**, *University of Amsterdam*

Johanna Falben: *University of Amsterdam*; **Lucas Castillo**: *University of Warwick*; **Pablo Leon Villagra**: *Brown University*; **Nick Chater**: *University of Warwick*; **Adam Sanborn**: *University of Warwick*

P2-PP-563: *How spatial simulations distinguish "tracking" verbs*

Presenting Author: **Maria Kon**, *U.S. Naval Research Laboratory*

Maria Kon: *U.S. Naval Research Laboratory*; **Sangeet Khemlani**: *U.S. Naval Research Laboratory*

POSTER SESSION 3:
SATURDAY, JULY 27 13:00 – 15:00

P3-B-564: *Individual Differences in Self-Referential versus Learning-Oriented Metaphors on Learning Outcomes*

Presenting Author: **Alexia Toskos Dils**, *Purchase College, SUNY*

Alexia Toskos Dils: *Purchase College, SUNY*

P3-C-565: *Weaving the Fabric of Mathematics: Grounding Mathematical Knowledge in Fibre Technologies*

Presenting Author: **Larissa Mendoza Straffon**, *University of Bergen*

Larissa Mendoza Straffon: *University of Bergen*

P3-E-566: *Spot the Spy: Exploring Natural Question-Asking in Gaming Environments*

Presenting Author: **Gal Sasson Lazovsky**, *Technion - Israel Institute of Technology*

Gal Sasson: *Technion - Israel Institute of Technology*; **Benjamin T Cook**: *Shenkar College*; **Vered Pnueli**: *Shenkar*; **Yoed Kenett**: *Technion - Israel Institute of Technology*

P3-E-567: *On Structure, Dynamics, and Adaptivity for Biological and Mental Processes: a Higher-Order Adaptive Dynamical System Modeling Perspective*

Presenting Author: **Jan Treur**, *Vrije Universiteit Amsterdam*

Jan Treur: *Vrije Universiteit Amsterdam*

P3-E-568: *Concept Alignment as a Prerequisite for Value Alignment*

Presenting Author: **Sunayana Rane**, *Princeton University*

Sunayana Rane: *Princeton University*; **Mark K Ho**: *Stevens Institute of Technology*; **Ilia Sucholutsky**: *Princeton University*; **Tom Griffiths**: *Princeton University*

P3-E-569: *Processing of scene intrinsics in the ventral visual stream for object recognition*

Presenting Author: **Shreya Kapoor**, *Friedrich-Alexander-Universität Erlangen-Nürnberg*

Shreya Kapoor: *Friedrich-Alexander-Universität Erlangen-Nürnberg*; **Bernhard Egger**: *Friedrich-Alexander-Universität Erlangen-Nürnberg*

P3-E-570: *Learning abstractions from discrete sequences*

Presenting Author: **Shuchen Wu**, *Max Planck Institute for Biological Cybernetics*

Shuchen Wu: *Max Planck Institute for Biological Cybernetics*; **Mirko Thalmann**: *Max Planck Institute for Biological Cybernetics*; **Eric Schulz**: *Max Planck Institute for Biological Cybernetics*

P3-E-571: *Modelling Cross-Situational Learning on Full Sentences in Few Shots with Simple RNNs*

Presenting Author: **Xavier Hinaut**, *Inria*

Xavier Hinaut: *Inria*; **Subba Reddy Oota**: *Inria*; **Alexandre Variengien**: *Inria*; **Frederic Alexandre**: *Inria-Research*

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P3-E-572: *Abstracted Gaussian Prototypes for One-Shot Concept Learning*

Presenting Author: **Kenneth Kurtz**, *Binghamton University*

Chelsea Zou: *Binghamton University*; **Kenneth Kurtz**: *Binghamton University*

P3-E-573: *Can deep convolutional networks explain the semantic structure that humans see in photographs?*

Presenting Author: **Siddharth Suresh**, *University of Wisconsin-Madison*

Siddharth Suresh: *University of Wisconsin-Madison*; **Wei-Chun Huang**: *University of Wisconsin-Madison*; **Kushin Mukherjee**: *University of Wisconsin-Madison*; **Timothy T Rogers**: *University of Wisconsin- Madison*

P3-E-574: *A general framework for hierarchical perception-action learning*

Presenting Author: **Serge Thill**, *Radboud University*

Tara Carette: *Radboud University*; **Serge Thill**: *Radboud University*

P3-E-576: *Compositionality is underutilized in language: The case of English adjective-noun phrases in humans and large language models*

Presenting Author: **Aalok Sathe**, *Massachusetts Institute of Technology*

Aalok Sathe: *Massachusetts Institute of Technology*; **Evelina Fedorenko**: *Massachusetts Institute of Technology*; **Noga Zaslavsky**: *UCI*

P3-E-577: *Infinite Ends from Finite Samples: Open-Ended Goal Inference as Top-Down Bayesian Filtering of Bottom-Up Proposals*

Presenting Author: **Tan Zhi-Xuan**, *Massachusetts Institute of Technology*

Tan Zhi-Xuan: *Massachusetts Institute of Technology* ; **Gloria Kang**: *Massachusetts Institute of Technology*; **Vikash Mansinghka**: *MIT*; **Josh Tenenbaum**: *MIT*

P3-E-578: *Bridging the Gap: Advancing Commonsense Question Answering with Integrated Multi-Modal Knowledge*

Presenting Author: **Yongqiang Zhao**, *Peking University*

Yongqiang Zhao: *Peking University*; **Zhi Jin**: *Peking University*; **Feng Zhang**: *Academy of Military Sciences*; **Xinhai Xu**: *Academy of Military Sciences*; **Donghong Liu**: *Academy of Military Sciences*

P3-E-579: *Estimating human color-concept associations from multimodal language models*

Presenting Author: **Kushin Mukherjee**, *University of Wisconsin-Madison*

Kushin Mukherjee: *University of Wisconsin-Madison*; **Timothy Rogers**: *UW-Madison*; **Karen Schloss**: *University of Wisconsin, Madison*

P3-E-580: *Doing Experiments and Revising Rules\\ with Natural Language and Probabilistic Reasoning*

Presenting Author: **Top Piriyakulkij**, *Cornell University*

Top Piriyakulkij: *Cornell University*; **Kevin Ellis Ellis**: *Cornell*

P3-E-581: *A Novel Self-Supervised Learning Method for Sleep Staging and its Pilot Study on Patients with Disorder of Consciousness*

Presenting Author: **Jingcong Li**, *South China Normal University*

Jingcong Li: *South China Normal University*; **Quanlin Chen**: *South China Normal University*; **Jiahui Pan**: *South China Normal University*; **Haiyun Huang**: *South China Normal University*

P3-E-582: *Naturalistic Transmission of Causal Knowledge between Machines and Humans*

Presenting Author: **Cedric Colas**, *MIT*

Cédric Colas: *MIT*; **Tracey Mills**: *MIT*; **Ben Prystawski**: *Stanford University*; **Michael Henry Tessler**: *Google DeepMind*; **Noah Goodman**: *Stanford University*; **Jacob Andreas**: *MIT*; **Josh Tenenbaum**: *MIT*

P3-E-583: *Perceptions of Compromise: Comparing Consqequentialist and Conctractualist Accounts*

Presenting Author: **Jared Moore**, *Stanford University*

Jared Moore: *Stanford University*; **Sydney Levine**: *Allen Institute for Artificial Intelligence*; **Yejin Choi**: *Allen Institute for Artificial Intelligence*

P3-E-584: *Behavioral Sensing: An Exploratory Study to Assess Self-Regulated Learning and Resource Management strategy of University Students using Mobile Sensing*

Presenting Author: **Tongyu Zhao**, *University of Minho*

Tongyu Zhao: *University of Minho*; **Jiaying Gao**: *School of Artificial intenlligence*; **Yu Feng**: *University of Minho*; **Yatong Zu**: *Jilin University*; **Adriano Tavares**: *University of Minho*; **Tiago Gomes**: *University of Minho*; **Hao Xu**: *Jilin University*

P3-E-585: *EFMLNet: Fusion Model Based on End-to-End Mutual Information Learning for Hybrid EEG-fNIRS Brain-Computer Interface Applications*

Presenting Author: **Lina Qiu**, *South China Normal University*

Lina Qiu: *South China Normal University*; **Weisen Feng**: *South China Normal University*; **Zuorui Ying**: *South China Normal University*; **Jiahui Pan**: *South China Normal University*

P3-E-586: *EEG-Based Emotion Recognition via Convolutional Transformer with Class Confusion-Aware Attention*

Presenting Author: **Jiahui Pan**, *South China Normal University*

Jiahui Pan: *South China Normal University*; **Chenyu Bai**: *South China Normal University*

P3-E-587: *Actively learning a Bayesian matrix fusion model with deep side information*

Presenting Author: **Jordan W. Suchow**, *Stevens Institute of Technology*

Yangyang Yu: *Stevens Institute of Technology*; **Jordan W. Suchow**: *Stevens Institute of Technology*

P3-E-588: *Loose LIPS Sink Ships: Asking Questions in Battleship with Language-Informed Program Sampling*

Presenting Author: **Gabriel Grand**, *MIT*

Gabriel Grand: *MIT*; **Valerio Pepe**: *Havard University*; **Jacob Andreas**: *MIT*; **Josh Tenenbaum**: *MIT*

P3-E-589: *Age-Dependent Analysis and Stochastic Generation of Child-Directed Speech*

Presenting Author: **Okko Räsänen**, *Tampere University*

Okko Räsänen: *Tampere University*; **Daniil Kocharov**: *Tampere University*

P3-E-590: *On the Use of Language and Vision Models for Cognitive Science: The Case of Naming Norms*

Presenting Author: **Zhirui Chen**, *University of Amsterdam*

Zhirui Chen: *University of Amsterdam*; **Andreas Mädebach**: *Universidad Pompeu Fabra*; **Eleonora Gualdoni**: *Universitat Pompeu Fabra*; **Gemma Boleda**: *Universitat Pompeu Fabra*

P3-E-591: *Testing Causal Models of Word Meaning in LLMs*

Presenting Author: **Sam Musker**, *Brown University*

Sam Musker: *Brown University*; **Ellie Pavlick**: *Brown University*

P3-E-592: *Implicit Bias in Language Models – A Narrative Literature Review with Systematic Elements*

Presenting Author: **Kevin D. Kiy**, *Maynooth University*

Kevin Kiy: *Maynooth University*; **Dermot Lynott**: *Maynooth University*; **Diarmuid O'Donoghue**: *Maynooth University*

P3-E-593: *Emergent Communication with Stack-Based Agents*

Presenting Author: **Daichi Kato**, *The University of Tokyo*

Daichi Kato: *The University of Tokyo*; **Ryo Ueda**: *The University of Tokyo*; **Jason Naradowsky**: *University of Tokyo*; **Yusuke Miyao**: *The University of Tokyo*

P3-E-595: *Contextual Control of Hopfield Networks in a Hippocampal Model*

Presenting Author: **Hugo Chateau-Laurent**, *Inria centre at the university of Bordeaux*

Hugo Chateau-Laurent: *Inria centre at the university of Bordeaux*; **Frederic Alexandre**: *Inria centre at the university of Bordeaux*

P3-E-596: *Interpretation of Novel Literary Metaphors by Humans and GPT-4*

Presenting Author: **Nicholas Ichien**, *University of Pennsylvania*

Nicholas Ichien: *University of Pennsylvania*; **Dušan Stamenković**: *Södertörn University*; **Keith Holyoak**: *University of California, Los Angeles*

P3-E-597: *Unsupervised Learning for Global and Local Visual Perception Using Navon Figures*

Presenting Author: **Kayato Nishitsunoi**, *The University of Tokyo*

Kayato Nishitsunoi: *The University of Tokyo*; **Yoshiyuki Ohmura**: *The University of Tokyo*; **Yasuo Kuniyoshi**: *The University of Tokyo*

P3-E-598: *Autopoiesis meets mechanistic computation: A proof of concept of computational post-cognitivism*

Presenting Author: **Stefan Riegl**, *Radboud University*

Stefan Riegl: *Radboud University*; **Serge Thill**: *Radboud University*

P3-E-599: *Virtue ethics in autonomous agents*

Presenting Author: **Tomasz Zurek**, *University of Amsterdam*

Tomasz Zurek: *University of Amsterdam*; **Dorota Stachura-Zurek**: *Independent researcher*

P3-E-600: *The Extracted Mind*

Presenting Author: **Louis Loock**, *Osnabrück University*

Louis Loock M.Sc.: *Osnabrück University*

P3-E-601: *Resource-rational moral judgment*

Presenting Author: **Sarah A Wu**, *Stanford University*

Sarah A Wu: *Stanford University*; **Xiang Ren**: *USC*; **Tobias Gerstenberg**: *Stanford University*; **Yejin Choi**: *University of Washington*; **Sydney Levine**: *Massachusetts Institute of Technology*

P3-E-602: *Preliminary insights into the effects of ChatGPT on children's creativity*

Presenting Author: **Kristy L. Armitage**, *The University of Queensland*

Kristy L Armitage: *The University of Queensland*; **Jessica Crimston**: *The University of Queensland*; **Jonathan Redshaw**: *University of Queensland*

P3-E-603: *In search for complementarity: evaluating confirmation trees across domains and varying levels of human expertise*

Presenting Author: **Julian Berger**, *Max Planck Institute for Human Development*

Julian Berger: *Max Planck Institute for Human Development*; **Frederik Andersen**: *University of Southern Denmark*; **Diana Verdes**: *University of Southern Denmark*; **Kristian Peter Lorenzen**: *Aarhus University*; **Pantelis Analytis**: *University of Southern Denmark*; **Ralf**

P3-E-604: *Predicting long context effects using surprisal*

Presenting Author: **Georgia-Ann Carter**, *University of Edinburgh*

Georgia-Ann Carter: *University of Edinburgh*; **Frank Keller**: *University of Edinburgh*; **Paul Hoffman**: *University of Edinburgh*

P3-E-605: *Experimental Investigation of Explanation Presentation for Visual Tasks with XAI*

Presenting Author: **Akihiro Maehigashi**, *Shizuoka University*

Akihiro Maehigashi: *Shizuoka University*; **Yosuke Fukuchi**: *Tokyo Metropolitan University*; **Seiji Yamada**: *National Institute of Informatics*

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P3-E-606: *Mapping Mental Representations With Free Associations and the associatoR R Package*

Presenting Author: **Samuel Aeschbach**, *Max Planck Institute for Human Development*

Samuel Aeschbach: *Max Planck Institute for Human Development;* **Rui Mata**: *University of Basel;* **Dirk U Wulff**: *Max Planck Institute for Human Development*

P3-E-607: *Using Compositionality to Learn Many Categories from Few Examples*

Presenting Author: **Ilia Sucholutsky**, *Princeton University*

Ilia Sucholutsky: *Princeton University;* **Bonan Zhao**: *Princeton University;* **Tom Griffiths**: *Princeton University*

P3-E-608: *Conflict drives information seeking: how prediction error influences updating of beliefs*

Presenting Author: **Felix Thiel**, *Department for Psychology*

Felix Thiel: *Department for Psychology;* **Linus Holm**: *University of Umeå*

P3-E-609: *Make Use of Mooney Images to Distinguish between Machines and Humans*

Presenting Author: **Jingmeng Li; Hui Wei**, *Fudan University*

Jingmeng Li: *Fudan University;* **Hui Wei**: *Fudan University*

P3-E-610: *Persuasiveness of arguments with AI-source labels*

Presenting Author: **Cassandra Teigen**, *London School of Economics and Political Science*

Cassandra Teigen: *London School of Economics and Political Science;* **Jens Koed Madsen**: *London School of Economics;* **Nicole Lauren George**: *London Schools of Economics;* **Sayeh Yousefi**: *London School of Economics and Political Science*

P3-E-611: *Needs-guided Robotic Decision-Making based on Independent Reinforcement Learning*

Presenting Author: **Zhaotie Hao**, *Northwestern Polytechnical University*

Zhaotie Hao: *Northwestern Polytechnical University;* **Bin Guo**: *northwestern polytechnical univ.;* **Zhuo Sun**: *Northwestern Polytechnical University;* **Lei Wu**: *School of Computer Science Northwestern Polytechnical University;* **Kaixing Zhao**: *Northwestern Polytechni*

P3-E-612: *Evaluating and Modeling Social Intelligence: A Comparative Study of Human and AI Capabilities*

Presenting Author: **Junqi Wang**, *State Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligence (BIGAI)*

Junqi Wang: *State Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligence (BIGAI);* **Chunhui Zhang**: *State Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligen*

P3-E-613: *Human-Like Geometric Abstraction in Large Pre-trained Neural Networks*

Presenting Author: **Declan Campbell**, *Princeton University*

Declan I. Campbell: *Princeton University;* **Sreejan Kumar**: *Princeton Neuroscience Institute;* **Tyler Giallanza**: *Princeton Neuroscience Institute;* **Jonathan Cohen**: *Princeton University;* **Tom Griffiths**: *Princeton University*

P3-E-614: *A Neural Dynamic Model Autonomously Drives a Robot to Perform Structured Sequences of Action Intentions*

Presenting Author: **Stephan Sehring**, *Ruhr-Universität Bochum*

Stephan Sehring: *Ruhr-Universität Bochum;* **Richard Julius Paul Koebe**: *Institut für Neuroinformatik;* **Sophie Aerdker**: *Ruhr-Universität Bochum;* **Gregor Schöner**: *Ruhr-Universität Bochum*

P3-F-615: *A Little Goes a Long Way: How Gesture Visibility in Video Lectures Impacts Attention and Learning*

Presenting Author: **Kyle Samson**, *Franklin and Marshall College*

Elena C Cuffari: *Franklin and Marshall College;* **Lauren H. Howard**: *Franklin & Marshall College;* **Ayako Belka**: *Franklin and Marshall College;* **Alonna Reilly**: *Franklin and Marshall College;* **Kyle M Samson**: *Franklin & Marshall College;* **Jingyi Sun**: *Franklin and Marshall College*

P3-F-616: *The attentional system is tuned to initially orient to happy faces when competing with angry faces: An eye-tracker investigation*

Presenting Author: **Lijiya Chacko**, *IIT Bombay*

Lijiya Chacko: *IIT Bombay;* **Rashmi Gupta**: *IIT Bpmbay*

P3-F-617: *Finding Structure in Real Time: An Eye Tracking Study on the Statistical Learning of Multiple Linguistic Structures Simultaneously*

Presenting Author: **Lucile Vleugels**, *University of Colorado, Boulder*

Lucile Vleugels: *University of Colorado, Boulder;* **Lei Yuan**: *University of Colorado, Boulder*

P3-G-618: *Modeling auditory voice recognition improvements by face simulation*

Presenting Author: **Christian Gumbsch**, *TUD Dresden University of Technology*

Christian Gumbsch: *TUD Dresden University of Technology;* **Martin V. Butz**: *University of Tuebingen;* **Katharina von Kriegstein**: *TU Dresden University of Technology*

P3-G-619: *Did you say Beer, Deer, or Gear? Exploring the McGurk effect using word stimuli*

Presenting Author: **Laura Getz**, *University of San Diego*

Laura Getz: *University of San Diego*

P3-J-620: *Listener Knowledge Structures Commonsense Explanation*

Presenting Author: **Yuka Machino**, *Massachusetts Institute of Technology*

Yuka Machino: *Massachusetts Institute of Technology*; **Ron Shprints**: *Massachusetts Institute of Technology*; **Max Siegel**: *MIT*; **Lionel Wong**: *Massachusetts Institute of Technology*; **Josh Tenenbaum**: *MIT*

P3-K-621: *The Effect of Event Boundaries on 3-Year-Olds' Novel Category Learning*

Presenting Author: **Alice Xu**, *University of California, Los Angeles*

Alice Xu: *University of California, Los Angeles*; **James Stigler**: *University of California, Los Angeles*; **Catherine Sandhofer**: *University of California, Los Angeles*

P3-K-622: *Knowing What Counts for Counting*

Presenting Author: **Karla Perez**, *MIT*

Karla E Perez: *MIT*; **Max Siegel**: *MIT*; **Nicole Coates**: *Massachusetts Institute of Technology*; **Josh Tenenbaum**: *MIT*; **Laura Schulz**: *Massachusetts Institute of Technology*

P3-K-623: *Modeling the Emergent Development of Inference-based Goal Anticipation in Infants*

Presenting Author: **Johanna K. Theuer**, *University of Tübingen*

Johanna Katharina Theuer: *University of Tübingen*; **Nadine Nicole Koch**: *University of Stuttgart*; **Christian Gumbsch**: *TUD Dresden University of Technology*; **Birgit Elsner**: *University of Potsdam*; **Martin V. Butz**: *University of Tuebingen*

P3-K-624: *A longitudinal study on the production of filled pauses among bilingual and monolingual children*

Presenting Author: **Burcu Arslan**, *Koc University*

Burcu Arslan: *Koc University*; **Tilbe Göksun**: *Koç University*; **Aslı Aktan Erciyes**: *Kadir Has University*

P3-K-625: *Unfolding Structure in the Drawings of Cubes*

Presenting Author: **Clint A. Jensen**, *University of Wisconsin - Madison*

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P3-L-626: *The contribution of low-level action detection and high-order action recognition on the sensorimotor beta rhythm suppression*

Presenting Author: **Christian Georgiev**, *Université Libre de Bruxelles*

Christian Marianov Georgiev: *Université Libre de Bruxelles*; **Scott Mongold**: *Université libre de Bruxelles*; **Mathieu Bourguignon**: *Université Libre de Bruxelles*

P3-L-627: *Modelling History-Dependent Evidence Accumulation across Species*

Presenting Author: **Anne Urai**, *Leiden University*

Anne Urai: *Leiden University*; **Zeynep Gunes Gunes**: *Universitat de València*; **Kianté Fernandez**: *University of California, Los Angeles*; **Alexander Fengler**: *Brown University*

P3-L-628: *Spontaneous Algorithms of Hierarchical Behavior Across Age and Species*

Presenting Author: **Abhishek Mohan Dedhe**, *Carnegie Mellon University*

Abhishek Dedhe: *Carnegie Mellon University*; **Karishma Nicole Kulshrestha**: *Carnegie Mellon University*; **Steven Piantadosi**: *UC Berkeley*; **Jessica Cantlon**: *Carnegie Mellon*

P3-L-629: *Neurotypical Adults employ Distinct Cognitive Strategies compared to Adults with ADHD during a Sustained Attention Task with Gestalt Stimuli*

Presenting Author: **Elizaveta Kuznetsova**, *University of Helsinki*

Elizaveta Kuznetsova: *University of Helsinki*; **Tuisku Tammi**: *University of Helsinki*; **Natalia Postnova**: *University of Helsinki*; **Jussi Palomäki**: *Finnish Institute for Health and Welfare*; **Benjamin Cowley**: *University of Helsinki*

P3-L-630: *A region in human left prefrontal cortex selectively engaged in causal reasoning*

Presenting Author: **RT Pramod**, *MIT*

RT Pramod: *MIT*; **Jessica Chomik**: *McGovern Institute for Brain Research, MIT*; **Laura Schulz**: *Massachusetts Institute of Technology*; **Nancy Kanwisher**: *Massachusetts Institute of Technology*

P3-L-631: *Plasticity, gender, and the environment during numerical and spatial development*

Presenting Author: **Marissa L. Laws**, *Carnegie Mellon University*

Marissa Laws: *Carnegie Mellon University*; **Jessica Cantlon**: *Carnegie Mellon*

P3-L-632: *Network-wise transcranial alternating current stimulation with phase lags*

Presenting Author: **Byoung-Kyong Min**, *Korea University*

Byoung-Kyong Min: *Korea University*

P3-L-633: *Behavioural and theoretical support for ranking theory as an alternative model of human uncertainty representation*

Presenting Author: **Hanbin Go**, *University of Waterloo*

Hanbin Go: *University of Waterloo*; **Britt Anderson**: *University of Waterloo*

P3-L-634: *Nonuniversal foraging behavior in semantic networks*

Presenting Author: **Kevin Scott Brown**, *Oregon State University*

Kevin Brown: *Oregon State University*; **Jay Rueckl**: *University of Connecticut*; **Elliot Saltzman**: *Boston University*; **James Magnuson**: *University of Connecticut*; **Ken McRae**: *University of Western Ontario*; **Eiling Yee**: *University of Connecticut*

P3-L-635: *Recovering cognitive events from trial-level pupil time courses*

Presenting Author: **Joshua Krause**, *University of Groningen*

Joshua Krause: *University of Groningen*; **Jelmer Borst**: *University of Groningen*; **Jacolien van Rij**: *University of Groningen*

P3-L-636: *The role of the motor system in the processing of rhythmic complexity: a critical review*

Presenting Author: **Francisco Cossavella**, *Laboratorio de Inteligencia Artificial Aplicada Instituto de Investigación en Ciencias de la Computación, CONICET- UBA*

Francisco Cossavella: *Laboratorio de Inteligencia Artificial Aplicada Instituto de Investigación en Ciencias de la Computación, CONICET- UBA*; **Martin Miguel**: *McMaster University* ; **Diego Fernandez Slezak**: *Universidad de Buenos Aires*

P3-L-637: *Differences in Learning Novel and Partially Known Concepts: Exploring Children's Self-Regulated Choices*

Presenting Author: **Julieta Goldstein**, *Universidad Torcuato Di Tella*

Julieta Goldstein: *Universidad Torcuato Di Tella*; **Carolina A Gattei**: *Universidad Torcuato Di Tella*; **Cecilia Calero**: *Universidad Torcuato Di Tella*

P3-L-638: *Optimal and sub-optimal temporal decisions can explain procrastination in a real-world task*

Presenting Author: **Sahiti Chebolu**, *Max Planck Institute for Biological Cybernetics*

Sahiti Chebolu: *Max Planck Institute for Biological Cybernetics*; **Peter Dayan**: *Max Planck Institute for Biological Cybernetics*

P3-L-639: *Decoding Sequential Information: the Language of Thought for Human Cognitive Processing of Temporal Structure*

Presenting Author: **Elyes Tabbane**, *CEA*

Elyes Tabbane: *CEA*

P3-L-640: *Seeing speech: Cerebral mecanisms of Cued Speech perception*

Presenting Author: **Annahita Sarré**, *Institut du Cerveau*

Annahita Sarré: *Institut du Cerveau*; **Laurent Cohen**: *Institut du Cerveau*

P3-L-642: *Towards A Neurobiologically Inspired Model of Syntax Processing*

Presenting Author: **Bernd J. Kröger**, *Medical School, RWTH Aachen University*

Bernd J. Kröger: *Medical School, RWTH Aachen University*

P3-L-643: *Study of compositionality and syntactic movement in the human brain using 7T fMRI*

Presenting Author: **Thomas Dighiero--Brecht**, *NeuroSpin center, Bât 145, CEA/SAC/DRF/Joliot*

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P3-L-645: *The effect of working memory demands on the neural correlates of prospective memory*

Presenting Author: **Ann-Kathrin Beck**, *University of Kaiserslautern-Landau*

Ann-Kathrin Beck: *University of Kaiserslautern-Landau*; **Daniela Czernochowski**: *University of Kaiserslautern-Landau*; **Thomas Lachmann**: *RPTU University of Kaiserslautern-Landau*; **Alexandra Hering**: *Tilburg University*

P3-L-646: *Characteristic of persistently active neurons in the human Medial Temporal Lobe during Working Memory maintenance*

Presenting Author: **Ruben Alexandre Monteiro de Castro**, *University of Warsaw*

Ruben Alexandre Castro: *University of Warsaw*

P3-L-647: *Restless Sleep, Uncertain Minds: Learning and Inhibitory Control Under Partial Sleep Deprivation.*

Presenting Author: **Margherita Calderan**, *University of Padova*

Margherita Calderan: *University of Padova*; **Antonino Visalli**: *University of Padova*; **Roberta Sellaro**: *University of Padova* ; **Nicola Cellini PhD**: *University of Padova*

P3-L-648: *Associative learning explains human sensitivity to statistical and network structures in auditory sequences*

Presenting Author: **Lucas Benjamin**, *NeuroSpin Center, , CNRS ERL 9003, INSERM U992, CEA, Université Paris-Saclay*

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P3-L-649: *Assessing affective modulation of intentional binding effect: A 2AFC Psychophysics experiment with emotional words*

Presenting Author: **Felipe Diego Toro Hernández**, *Universidade Federal do ABC*

Felipe D Toro Hernandez: *Universidade Federal do ABC*; **Victor Nogueira Dias Gabiatti**: *Universidade Federal do ABC*; **Theresa Moraes Ramalho**: *Universidade Federal do ABC*; **Andre M. Cravo**: *Universidade Federal do ABC*; **Peter M. E. Claessens**: *Federal University of ABC*

P3-L-650: *Context Effects on Word Association Production: A Semantic Warping Account*

Presenting Author: **Stanley West**, *Louisiana State University*
Stan West: *Louisiana State University* ; **Christopher R Cox**: *Louisiana State University*; **Eileen Haebig**: *Louisiana State University*

P3-L-651: *Comparative study of abstract representations in humans and non-human primates*

Presenting Author: **Morfoisse Théo**, *Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.*
Théo Morfoisse: *Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.*; **Maxence Pajot**: *Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.*; **Paolo Papale**: *Department of Vision & Cognition, Netherlands Institute for Neuroscience (KNAW)*; **Pieter Roelfsema**: *Department of Vision & Cognition, Netherlands Institute for Neuroscience (KNAW)*; **Minye Zhan**: *Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.*; **Stanislas Dehaene**: *NeuroSpin Center, CEA DRF/I2BM, INSERM, Unicersité Paris-Sud, Université Paris-Saclay*

P3-L-652: *Navigability: a common orientation for the cognitive in cognitive science*

Presenting Author: **Andrea Hiott**, *Universität Heidelberg*
Andrea Hiott: *Universität Heidelberg*

P3-L-653: *Can reinforcement learning model learning across development? Online lifelong learning through adaptive intrinsic motivation*

Presenting Author: **Kai Jappe Sandbrink**, *University of Oxford*
Kai J Sandbrink: *University of Oxford*; **Brian Christian**: *University of Oxford*; **Linas M. Nasvytis**: *Harvard University*; **Christian Schroeder de Witt**: *University of Oxford*; **Patrick Butlin**: *University of Oxford*

P3-L-654: *The influence of agency and affordances on visual anticipation: Insights from the representational momentum paradigm*

Presenting Author: **Ouriel Grynszpan**, *Université Paris-Saclay*
Pierre-Adams Ouattara Oulé: *Université Paris-Saclay*; **Alexis Le Besnerais**: *Université Paris-Saclay*; **Elise Prigent**: *Universuté Paris-Saclay*; **Ouriel Grynszpan**: *Université Paris-Saclay*

P3-L-655: *A Test of Relational and Concrete Cognitive Biases Across Cultures and Species*

Presenting Author: **Teoman S Ozaydin**, *Carnegie Mellon*
Teoman Ozaydin: *Carnegie Mellon*; **Jessica Cantlon**: *Carnegie Mellon*

P3-L-656: *Attention in high-performance cognition is goal-directed, selective, focused, and sustained*

Presenting Author: **Benjamin Cowley**, *University of Helsinki*
Benjamin Cowley: *University of Helsinki*; **Aila Kirjanen**: *University of Helsinki*

P3-L-657: *Testing a dynamic field model of infant visual attention*

Presenting Author: **Stacey Stuart**, *University of East Anglia*
John Spencer: *University of East Anglia*; **Stacey Stuart**: *University of East Anglia*

P3-L-658: *The Cognitive Components of Complex Planning*

Presenting Author: **Xinlei Lin**, *NYU*
Xinlei (Daisy) Lin: *NYU*; **Wei Ji Ma**: *New York University*

P3-L-659: *Understanding the impact of early adverse experiences on computational models of neurocognitive processes in adolescents*

Presenting Author: **Yue Zhang**, *University of Michigan*
Yue Zhang: *University of Michigan*; **Felicia Hardi**: *University of Michigan*; **Alexander S. Weigard**: *University of Michigan*; **Maria K. Scavnicky**: *University of Michigan*; **Colter Mitchell**: *University of Michigan*; **Luke W. Hyde**: *University of Michigan*; Christopher

P3-L-660: *Flexible adjustment to task demands through learning of optimal oscillatory characteristics*

Presenting Author: **Mehdi Senoussi**, *CNRS UMR 5263, University of Toulouse*
Mehdi Senoussi: *CNRS UMR 5263, University of Toulouse*; **Senne Braem**: *Ghent University*; **Tom Verguts**: *Ghent University*

P3-L-661: *Modulate the Face Inversion Effect (FIE): Using transcranial Direct Current Stimulation (tDCS) to reduce and enhance the FIE.*

Presenting Author: **Wang Guangtong**, *University of Exeter*
Ciro Civile: *University of Exeter*; **Siobhan McCourt**: *University of Exeter*; **Wang Guangtong**: *University of Exeter*

P3-L-662: *A better alpha - Incorporating spectral parameterization to improve measurement of listening effort*

Presenting Author: **Sarah J Woods**, *University of Utah*
Sarah J Woods: *University of Utah* ; **Jack W Silcox**: *University of Utah*; **Brennan R Payne**: *University of Utah*

P3-L-663: *Semantic distance organizes social knowledge: Insights from semantic dementia and cross-modal conceptual space*

Presenting Author: **Y. Ivette Colón**, *University of Wisconsin-Madison*
Y. Ivette Colón: *University of Wisconsin- Madison*; **Timothy T Rogers**: *University of Wisconsin- Madison*; **Matthew Lambon Ralph**: *University of Cambridge* ; **Matthew Rouse**: *University of Cambridge*

P3-L-664: *Neural lateralization during number line estimation differentially predicts numerical and spatial capacity*

Presenting Author: **Caroline Kaicher**, *Carnegie Mellon University*

Caroline Kaicher: *Carnegie Mellon University*; **Lauren Aulet**: *Carnegie Mellon University*; **Jessica Cantlon**: *Carnegie Mellon University*

P3-M-665: *Infants' evaluation of expected information gain in a gaze-contingent paradigm*

Presenting Author: **Bálint Varga**, *Central European University*

Bálint Varga: *Central European University*; **Barbara Pomiechowska**: *Central European University*; **Agnes Kovacs**: *CEU*

P3-M-666: *Analyzing the Roles of Language and Vision in Learning from Limited Data*

Presenting Author: **Allison Chen**, *Princeton Univeristy*

Allison Chen: *Princeton Univeristy*; **Ilia Sucholutsky**: *Princeton University*; **Olga Russakovsky**: *Princeton University*; **Tom Griffiths**: *Princeton University*

P3-M-667: *A Bayesian Model of Multimodal Phonemic Category Learning*

Presenting Author: **Sophia Zhi**, *Massachusetts Institute of Technology*

Sophia Zhi: *Massachusetts Institute of Technology*; **Roger Levy**: *Massachusetts Institute of Technology*; **Stephan C. Meylan**: *MIT*

P3-M-668: *Distributed semantic representations of inanimate nouns are gender biased in gendered languages*

Presenting Author: **Luca Onnis**, *University of Oslo*

Luca Onnis: *University of Oslo*; **Alfred Lim**: *University of Nottingham Malaysia*

P3-M-669: *Inferring errors and intended meanings with a generative model of language production in aphasia*

Presenting Author: **Thomas Hikaru Clark**, *Massachusetts Institute of Technology*

Thomas Clark: *Massachusetts Institute of Technology*; **Edward Gibson**: *Massachusetts Institute of Technology*; **Roger Levy**: *Massachusetts Institute of Technology*

P3-M-670: *Starting Small, After All? Curriculum Learning with Child-Directed Speech*

Presenting Author: **Sydelle de Souza**, *University of Edinburgh*

Mattia Opper: *University of Edinburgh*; **Sydelle de Souza**: *University of Edinburgh*

P3-M-671: *Self-Hint Prompting Improves Zero-shot Reasoning in Large Language Models via Reflective Cycle*

Presenting Author: **Jindou Chen**, *Shanghai Jiao Tong University*

Jindou Chen: *Shanghai Jiao Tong University*; **Jidong Tian**: *Shanghai Jiao Tong University*; **Yaohui Jin**: *Artificial Intelligence Institute*

P3-M-672: *Many Hands Don't Always Make Light Work: Explaining Social Loafing via Multiprocessing Efficiency*

Presenting Author: **Elizabeth Mieczkowski**, *Princeton University*

Elizabeth Mieczkowski: *Princeton University*; **Cameron Rouse Turner**: *Princeton University*; **Natalia A Vélez**: *Princeton University*; **Tom Griffiths**: *Princeton University*

P3-M-673: *Discriminating real from A.I.-generated faces: Effects of emotion, gender, and age.*

Presenting Author: **Sean Duffy**, *Rutgers University Camden*

Sean Duffy: *Rutgers University Camden* ; **Antoine August**: *Rutgers University - Camden*; **Kate Wisniewski**: *Rutgers University - Camden*

P3-M-674: *Evaluating word association-derived word embeddings on semantic analogies*

Presenting Author: **Álvaro Cabana**, *Universidad de la República*

Rocío Belén Lión: *Universidad de la República*; **Hernan Quintero**: *Universidad de la República*; **Juan C Valle-Lisboa**: *Universidad de la República*; **Alvaro Cabana**: *Universidad de la República*

P3-M-675: *Evaluating LLMs as Tools to Support Early Vocabulary Learning*

Presenting Author: **Jennifer Weber**, *University of Colorado, Boulder*

Jennifer Weber: *University of Colorado, Boulder*; **Maria Valentini**: *University of Colorado Boulder*; **Téa Wright**: *University of Colorado Boulder*; **Katharina von der Wense**: *University of Colorado Boulder*; **Eliana Colunga**: *University of Colorado Boulder*

P3-M-676: *Simulating Opinion Dynamics with Networks of LLM-based Agents*

Presenting Author: **Yun-Shiuan Chuang**, *University of Wisconsin - Madison*

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P3-M-677: *Investigating Expert and Novice Programming Differences on Problems of Varying Complexity*

Presenting Author: **Maria Vorobeva**, *Carleton University*

Maria Vorobeva: *Carleton University*; **Suhaylah B Carim Bacor**: *Carleton University*; **Mary Alexandria Kelly**: *Carleton University*

P3-M-678: *SketchMapia: A comprehensive way to analyse sketch maps*

Presenting Author: **Angela Schwering**, *University of Muenster*

Angela Schwering: *University of Muenster*; **Jakub Krukar**: *University of Muenster*; **Charu Manivannan**: *Institute for geoinformatics, University of Muenster*

P3-N-680: *Distilling Symbolic Priors for Concept Learning into Neural Networks*

Presenting Author: **Ioana Marinescu**, *Princeton University*

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P3-N-682: *Does Sign Language Shape Lateral Space-Valence Associations?*

Presenting Author: **Karla Tann**, *Maastricht University*

Karla Tann: *Maastricht University*; **Pablo Solana**: *University of Granada*; **Marc Ouellet**: *University of Granada*; **Heng Li**: *Sichuan International Studies University*; **Julio Santiago**: *University of Granada*

P3-N-683: *Variability in communication contexts determines the convexity of semantic category systems emerging in neural networks*

Presenting Author: **Vlad Nedelcu**, *University of Edinburgh*

Vlad C Nedelcu: *University of Edinburgh*; **Daniel Lassiter**: *University of Edinburgh*; **Kenny Smith**: *University of Edinburgh*

P3-N-684: *A multitask model of concept learning and generalization*

Presenting Author: **Dyana Muller**, *UC Berkeley*

Dyana Muller: *UC Berkeley*; **Steven Piantadosi**: *UC Berkeley*

P3-N-685: *Symbolic Variables in Distributed Networks that Count*

Presenting Author: **Satchel Grant**, *Stanford University*

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P3-P-686: *Studying the Effect of Globalization on Color Perception using Multilingual Online Recruitment and Large Language Models*

Presenting Author: **Pol van Rijn**, *Max Planck Institute for Empirical Aesthetics*

Jakob Pete Niedermann: *Max Planck Institute for Empirical Aesthetics*; **Ilia Sucholutsky**: *Princeton University*; **Raja Marjieh**: *Princeton University*; **Elif Çelen**: *Max Planck Institute for Empirical Aesthetics*; **Tom Griffiths**: *Princeton University* ; **Nori Jacoby**:

P3-Q-687: *Using additional data types to identify the unidentifiable components of cognition during decision-making*

Presenting Author: **Michael D. Nunez**, *University of Amsterdam*

Michael D Nunez: *University of Amsterdam*; **Anna-Lena Schubert**: *University of Mainz*; **Gidon T. Frischkorn**: *University of Zurich*; **Klaus Oberauer**: *University of Zurich*

P3-Q-688: *Some and Done? Temporally extended decisions with very few rollouts*

Presenting Author: **Sixing Chen**, *New York University*

Sixing Chen: *New York University*; **Kristopher T. Jensen**: *University College London*; **Marcelo G Mattar**: *New York University*

P3-Q-689: *Iconic prioritization and Representational Silence in emotion*

Presenting Author: **Andrea Rivadulla-Duró**, *Swiss Centre for Affective Sciences*

Andrea Rivadulla-Duró: *Swiss Centre for Affective Sciences*

P3-Q-690: *The Wason selection task in the long-run: Evaluating the truthfulness of universal and probabilistic statements through evidence search*

Presenting Author: **Konstantinos Armaos**, *University of Lausanne*

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P3-Q-691: *Social Sampling in Decision Making for Online and Offline Activities*

Presenting Author: **J. Hunter Priniski**, *UCLA*

Bryce Linford: *UCLA*; **Hunter Priniski**: *UCLA*; **Hongjing Lu**: *UCLA*

P3-S-692: *Children's unexpected inferences across knowledge types*

Presenting Author: **Amanda McCarthy**, *Yale University*

Amanda McCarthy: *Yale University*; **Emma Courtney**: *Cold Spring Harbor Laboratory*; **Frank Keil**: *Yale University*

P3-S-693: *The Dynamics of Creative Thinking: Teacher Behavior and Student Novelty in Science Education*

Presenting Author: **Marijn van Dijk**, *University of Groningen*

Marijn van Dijk: *University of Groningen*

P3-S-694: *An Adaptive Learning System for Stepwise Automatisation of Multiplication Facts in Primary Education*

Presenting Author: **Stefania D. Iancu**, *MemoryLab*

Stefania D. Iancu: *MemoryLab*; **Myrthe Braam**: *MemoryLab*; **Nathan Mccabe**: *MemoryLab*; **Thomas Jan Wilschut**: *University of Groningen*; **Hedderik van Rijn**: *University of Groningen*; **Maarten van der Velde**: *MemoryLab*

P3-S-695: *Preservice teachers' understanding of mathematical equivalence*

Presenting Author: **Jennifer A. Kaminski**, *Wright State University*

Jennifer Kaminski: *Wright State University*

P3-S-696: *Tautological formal explanations are satisfactory regardless of prior knowledge*

Presenting Author: **Ivan Aslanov**, *Universidad de Chile*

Ivan Aslanov: *Universidad de Chile*; **Ernesto Guerra**: *Universidad de Chile*

P3-S-697: *The Role of Surprise in Memory: Assessing the Impact of Levels of Surprise on Children's Episodic Memory*

Presenting Author: **Carla Macias**, *Rutgers University-Newark*

Carla Macias: *Rutgers University-Newark*; **Kimele Persaud**: *Rutgers University-Newark*

P3-S-698: *How can we increase the use of interleaved study in self-regulated learning?*

Presenting Author: **Yundeok Kim**, *Yonsei University*

Yundeok Kim: *Yonsei University*; **Hee Seung Lee**: *Yonsei University*

P3-S-700: *Do learners make more pauses in instructional videos when taking notes?*

Presenting Author: **Mathieu Pinelli**, *LaRAC, Univ. Grenoble Alpes*

Mathieu Pinelli: *LaRAC, Univ. Grenoble Alpes*; **Salomé Cojean**: *Univ. Grenoble Alpes*

P3-S-701: *Exploring Programming Aptitude: Comparing the Predictive Utility of Language Aptitude Subskills for Python and Java Learning*

Presenting Author: **Chantel Prat**, *University of Washington*

Malayka Mottarella: *University of Washington*; **Katherine Mortimore**: *Florida Institute for Human and Machine Cognition*; **Chantel Prat**: *University of Washington*

P3-S-702: *Building Abstraction: The Role of Representation and Structural Alignment in Learning Causal System Categories*

Presenting Author: **Margarita Pavlova**, *New Bulgarian University*

Margarita V. Pavlova: *New Bulgarian University*

P3-S-703: *Prior Knowledge Adaptation Through Item-Removal in Adaptive Learning Increases Short- and Long-Term Learning Benefits*

Presenting Author: **Malte Krambeer**, *University of Groningen*

Malte Krambeer: *University of Groningen*; **Maarten van der Velde**: *MemoryLab*; **Hedderik van Rijn**: *SlimStampen BV*

P3-U-704: *Emotional significance in Cross-Cultural Semantic Crossmodal Correspondences*

Presenting Author: **Jorge Alvarado**, *Pontificia Universidad Javeriana*

Jorge Alvarado: *Pontificia Universidad Javeriana*

P3-U-705: *The Role of Episodic Memory in Storytelling: Comparing Large Language Models with Humans*

Presenting Author: **Charlotte Cornell**, *Rutgers University--New Brunswick*

Charlotte Cornell: *Rutgers University--New Brunswick*; **Shuning Jin**: *Rutgers University*; **Qiong Zhang**: *Rutgers University - New Brunswick*

P3-U-706: *Why is Bach blue instead of red? Different strategies moderate people's color-music associations*

Presenting Author: **Qiawen Liu**, *University of Wisconsin-Madison*

Qiawen Liu: *University of Wisconsin-Madison*; **Huang Ham**: *Department of Psychology*; **Kesong Cao**: *University of Wisconsin-Madison*; **Gary Lupyan**: *University of Wisconsin - Madison*

P3-W-707: *Index Systems: Enumerating Their Forms and Explaining Their Diversity With Representational Interpretive Structure Theory*

Presenting Author: **Peter Cheng**, *University of Sussex*

Peter Cheng: *University of Sussex*; **Grecia Garcia Garcia**: *University of Sussex*; **Daniel Raggi**: *University of Cambridge*; **Mateja Jamnik**: *University of Cambridge*

P3-BB-708: *Investigating contextual effects in referential communication: an experimental semiotic game*

Presenting Author: **Miriam Greidanus Romaneli**, *Radboud University Nijmegen*

Miriam Greidanus Romaneli: *Radboud University Nijmegen*; **Jesper Sinneker**: *Radboud University Nijmegen*; **Jana Bašnáková**: *Radboud University Nijmegen*; **Bruno Galantucci**: *Yeshiva University*; **Ivan Toni**: *Radboud University*

P3-BB-709: *Emergent social transmission of model-based representations without inference*

Presenting Author: **Miriam Bautista**, *University of Tübingen*

Miriam Bautista: *University of Tübingen*; **Ryutaro Uchiyama**: *Tübingen AI Center*; **Claudio Tennie**: *University of Tübingen*; **Charley M Wu**: *University of Tübingen*

P3-CC-710: *Mitigating Hallucinations in Large Language Models by Preprocessing Questions into Child-Comprehensible*

Presenting Author: **Yunlong Fan**, *Southeast University*

Yunlong Fan: *Southeast University*; **Bin Li**: *Southeast University*; **Zhiqiang Gao**: *Southeast University*

P3-EE-711: *Effects of Eye Movement Patterns and Scene-Object Relations on Description Production*

Presenting Author: **Pelin Celikkol**, *University of Potsdam*

Pelin Celikkol: *University of Potsdam*; **David Schlangen**: *University of Potsdam*; **Jochen Laubrock**: *University of Potsdam*

P3-EE-712: *Linear Word Order Modulates the Cost of Metonymy Comprehension: Dynamics of Conceptual Composition*

Presenting Author: **Maria Teresa Borneo & Maria M. Piñango**, *Yale University*

Maria Teresa Borneo: *Yale University*; **Maria M Piñango**: *Yale University*

P3-EE-713: *ERP insights into self-relevance with second-person pronouns during auditory story processing*

Presenting Author: **Magdalena Repp**, *University of Cologne*

Magdalena Repp: *University of Cologne*; **Petra B. Schumacher**: *University of Cologne*; **Ingmar Brilmayer**: *University of Cologne*

P3-EE-714: *What do we mean when we say gestures are more expressive than vocalizations? An experimental and simulation study*

Presenting Author: **Šárka Kadavá**, *Leibniz Center General Linguistics*

Šárka Kadavá: *Leibniz Center General Linguistics*; **Aleksandra Cwiek**: *Leibniz-Centre General Linguistics*; **Susanne Fuchs**: *Leibniz-Zentrum Allgemeine Sprachwissenschaft*; **Wim Pouw**: *Radboud University*

P3-EE-715: *Exploring horizontal homophony in pronominal paradigms: A case study where cross-linguistic regularities defy individual learning biases*

Presenting Author: **Carmen Saldana**, *Universitat Pompeu Fabra*

Carmen Saldana: *Universitat Pompeu Fabra*; **Mora Maldonado**: *CNRS/Nantes Université*

P3-EE-717: *Who is you? Delayed processing following (formal) second person pronouns in an emotional narrative*

Presenting Author: **Maria den Hartog**, *Radboud University*

Maria den Hartog: *Radboud University*; **Gert-Jan Thomas Schoenmakers**: *Utrecht University*; **Lotte Hogeweg**: *Radboud University*; **Helen de Hoop**: *Radboud University*

P3-EE-718: *Mandarin-Speaking Children's Acquisition of Resultative Verb Compounds: Compositionality and Eventuality*

Presenting Author: **Yue Ji**, *Beijing Institute of Technology*

Yue Ji: *Beijing Institute of Technology*; **Xiaotao Liu**: *The University of Auckland*

P3-EE-719: *What drives word order preferences?*

Presenting Author: **Guido Linders**, *University of Zurich*

Guido Marvel Linders: *University of Zurich*; **Stefan Schnell**: *University of Zurich*; **Balthasar Bickel**: *University of Zurich*

P3-EE-720: *Systemic structure of kinship is shaped by evolutionary processes*

Presenting Author: **Maisy Hallam**, *The University of Edinburgh*

Maisy Hallam: *The University of Edinburgh*; **Fiona Jordan**: *University of Bristol*; **Simon Kirby**: *The University of Edinburgh*; **Kenny Smith**: *University of Edinburgh*

P3-EE-721: *Communication and learning pressures result in clustered lexicons*

Presenting Author: **Aislinn Keogh**, *University of Edinburgh*

Aislinn Keogh: *University of Edinburgh*; **Jennifer Culbertson**: *University of Edinburgh*; **Simon Kirby**: *The University of Edinburgh*

P3-EE-722: *Chinese Child-Directed Speech Is Faster and More Fluent Than Adult-Directed Speech*

Presenting Author: **Mengru Han**, *East China Normal University*

Mengru Han: *East China Normal University*; **Lianghui Yang**: *East China Normal University*; **Yan Gu**: *University of Essex*

P3-EE-723: *Verbs or Nouns? A cross-linguistic study examining the effect of morphological complexity and input on children's early lexical development*

Presenting Author: **Selma Hardegger**, *University of Zurich*

Selma Hardegger: *University of Zurich*; **Jekaterina Mazara**: *University of Zurich*; **Aylin C Küntay**: *Koç University*; **Birgit Hellwig**: *University of Cologne*; **Barbara Pfeiler**: *National Autonomous University of Mexico*; **Sabine Stoll**: *University of Zurich*

P3-EE-724: *A network model of English derivational morphology*

Presenting Author: **Sergei Monakhov**, *Friedrich Schiller University Jena*

Sergei Monakhov: *Friedrich Schiller University Jena*; **Holger Diessel**: *Department of English*

P3-EE-725: *Tuning in to a novel language is easier without orthography*

Presenting Author: **Kateřina Chládková**, *Faculty or Arts, Charles University*

Katerina Chladkova: *Faculty or Arts, Charles University*; **Václav Jonáš Podlipský**: *Faculty or Arts, Palacký University*; **Lucie Jarůšková**: *Faculty or Arts, Charles University*; **Šárka Šimáčková**: *Faculty or Arts, Palacký University*; **Natalia Nudga**: *Faculty or Art*

P3-EE-726: *Metaphor Comprehension in Preschoolers: A Pragmatic Skill*

Presenting Author: **Claudia Raihert**, *University of Toronto*

Claudia Raihert: *University of Toronto*; **Myrto Grigoroglou**: *University of Toronto*

P3-EE-727: *Testing the Effects of the Implicative Structure and Noun Class Size on the Learnability of Inflectional Paradigms in Adults and Artificial Neural Networks*

Presenting Author: **Tamar Johnson**, *University of Amsterdam*

Tamar Johnson: *University of Amsterdam*; **Micha Elsner**: *The Ohio State University*; **Kenny Smith**: *University of Edinburgh*

P3-EE-728: *The key property of frequency distributions that facilitates linguistic rule generalisation is long-tailedness*

Presenting Author: **Elizabeth Pankratz**, *University of Edinburgh*

Elizabeth Pankratz: *University of Edinburgh*; **Simon Kirby**: *The University of Edinburgh*; **Jennifer Culbertson**: *University of Edinburgh*

P3-EE-729: *Lexical diversity in human- and LLM-generated text*

Presenting Author: **Kelly Kendro**, *Northern Arizona University*

Kelly Kendro: *Northern Arizona University*; **Jeffrey Maloney**: *BYU-Hawaii*; **Scott Jarvis**: *Northern Arizona University*

P3-EE-730: *Challenges for a computational explanation of flexible linguistic inference*

Presenting Author: **Marieke Woensdregt**, *Radboud University*

Marieke Woensdregt: *Radboud University*; **Mark Blokpoel**: *Radboud University*; **Iris van Rooij**: *Radboud University*; **Andrea E Martin PhD**: *Max Planck Institute for Psycholinguistics*

P3-EE-731: *Noisy-Channel Processing in Standard Arabic Relative Clauses*

Presenting Author: **Nicole Dodd**, *University of California, Davis*

Nicole Dodd: *University of California, Davis*; **Fatima Boush**: *United Arab Emirates University*; **Tommi Leung**: *United Arab Emirates University*; **Fernanda Ferreira**: *Department of Psychology*; **Emily Morgan**: *UC Davis*

P3-EE-732: *Recognising prosodically degraded lexical material - Can word length help?*

Presenting Author: **Catalina Torres**, *University of Zurich*

Catalina Torres: *University of Zurich*

P3-EE-733: *HeCz: A large scale self-paced reading corpus of newspaper headlines*

Presenting Author: **Markéta Cehákóvá**, *Faculty of Arts, Charles University*

Jan Chromý: *Faculty of Arts, Charles University*; **Markéta Cehákóvá**: *Charles University*; **James Brand**: *Charles University*

P3-EE-734: *Probabilistic and Selectional Biases in Ambiguity Resolution during Real-time Sentence Processing*

Presenting Author: **Hiroki Fujita**, *University of Potsdam*

Hiroki Fujita: *University of Potsdam*

P3-EE-735: *Evaluating an ensemble model of linguistic categorization on three variable morphological patterns in Hungarian*

Presenting Author: **Peter Racz**, *Budapest University of Technology and Economics*

Peter Racz: *Budapest University of Technology and Economics*; **Peter Rebrus**: *HUN-REN Hungarian Research Centre for Linguistics*; **Szilard Toth**: *Eotvos Lorand University*

P3-EE-736: *Neuro-Symbolic Models of Human Moral Judgment*

Presenting Author: **Joe Kwon**, *MIT*

Joseph Kwon: *MIT*; **Josh Tenenbaum**: *MIT*; **Sydney Levine**: *Allen Institute for AI*

P3-EE-738: *Exploring the Speech-to-Song Transformation: Linguistic Influences in Tonal and Non-Tonal Language Speakers*

Presenting Author: **Makiko Sadakata**, *Institute for Logic, Language and Computation*

Makiko Sadakata: *Institute for Logic, Language and Computation*

P3-EE-739: *The Face of a Character called Gmork*

Presenting Author: **Giovanni Cassani**, *Tilburg University*

Marco Bragoni: *Tilburg University*; **Giovanni Cassani**: *Tilburg University*

P3-EE-740: *Integratitng Co-Speech Gestures into Sentence Meaning Comprehension*

Presenting Author: **Ludmila Reimer**, *Ruhr-University Bochum*

Ludmila Reimer: *Ruhr-University Bochum*; **Maria Spychalska**: *Univeristy of Cologne*; **Markus Werning**: *Ruhr University Bochum*

P3-EE-741: *Humanizing Language Models: Exploring behavioral and brain data as language model inputs*

Presenting Author: **Zak Hussain**, *University of Basel*

Zak Hussain: *University of Basel*; **Rui Mata**: *University of Basel*; **Ben Newell**: *University of New South Wales*; **Dirk U Wulff**: *Max Planck Institute for Human Development*

P3-EE-742: *Neural Indices of Online Statistical Learning in Visual Speech*

Presenting Author: **Katerina Kynclova**, *Institute of Psychology, The Czech Academy of Sciences*

Katerina Kynclova: *Institute of Psychology, The Czech Academy of Sciences*; **Katerina Chladkova**: *Institute of Psychology, Czech Academy of Sciences*

P3-EE-743: *Grammaticality illusions in Czech: A speeded acceptability study of agreement attraction*

Presenting Author: **Radim Lacina**, *Osnabrück University*

Radim Lacina: *Osnabrück University*; **Jakub Dotlačil**: *Utrecht University*

P3-EE-744: *Deaf signers allocate gaze based on type and familiarity of signed input*

Presenting Author: **Paris Gappmayr**, *Boston University*

Paris Gappmayr: *Boston University*; **Amy Lieberman**: *Boston University*

P3-EE-745: *Frequency interacts with lexicality during auditory lexical decision: Insights from diffusion drift modeling*

Presenting Author: **Yifei He**, *Philipps University Marburg*

Yifei He: *Philipps University Marburg*; **Anna Petukhova**: *Philipps University Marburg*; **Prof. Dr. Jinxin Yue**: *Harbin Institute of Technology*

P3-EE-746: *Frequency-Dependent Regularization in Mandarin Elastic Word Length*

Presenting Author: **Skyler Jove Reese**, *University of California, Davis*

Skyler Jove Reese: *University of California, Davis*; **Zoey Liu**: *University of Florida*; **Masoud Jasbi**: *UC Davis*; **Emily Morgan**: *UC Davis*

P3-EE-748: *Language influences how Spanish speakers from different cultural backgrounds think, talk, and gesture about causality*

Presenting Author: **Andrea Ariño-Bizarro**, *University of Zaragoza*

Andrea Ariño Bizarro: *University of Zaragoza*; **Iraide Ibarretxe Antuñano**: *University of Zaragoza*

P3-EE-749: *Metric Grammars*

Presenting Author: **Hyosun Lee**, *University of Connecticut*

Whitney Tabor: *University of Connecticut*; **Hyosun Lee**: *UConn – Storrs and Regional Campuses*

P3-EE-750: *Testing the effects of distinct code-switching types on cognitive control*

Presenting Author: **Edith Kaan**, *University of Florida*

Edith Kaan: *University of Florida*; **Rodrigo Mello Medina**: *University of Florida*; **Guadalupe Maria Diaz**: *University of Florida*; **Kirthana Sane**: *University of Florida*; **Savannah Chandler**: *University of Florida*; **Matt Neitz**: *University of Florida*; **Claire Kuntz**: *University of Florida*; **Jorge Valdés Kroff**: *University of Florida*; **Souad Kheder**: *University of Florida*

P3-EE-752: *Severe Storm Warnings for Four-Story Homeowners: Towards a Processing Model of Bracketing Paradoxes*

Presenting Author: **Jun.-Prof. Dr. Titus von der Malsburg**, *University of Stuttgart*

Anna Pryslopska: *University of Stuttgart*; **Titus von der Malsburg**: *University of Stuttgart*

P3-EE-753: *Is masked syntactic priming unconscious?*

Presenting Author: **David Hernández-Gutiérrez**, *Basque Center on Cognition, Brain and Language (BCBL)*

David Hernández-Gutiérrez: *Basque Center on Cognition, Brain and Language (BCBL)*; **Dr Miguel A. Sorrel**: *Universidad Autónoma de Madrid*; **David Shanks**: *University College London*; **Dr Miguel A. Vadillo**: *Universidad Autónoma de Madrid*

P3-EE-754: *How Language Use Reflects Emotion Regulation: Evidence from Spanish*

Presenting Author: **Lena Kassin**, *Reed College*

Kevin J. Holmes: *Reed College*; **Lena Kassin**: *Reed College*; **Daniela Buchillon-Almeida**: *Reed College*; **Enriqueta Canseco-Gonzalez**: *Reed College*

P3-EE-755: *Multimodal communication in newly sighted children: An investigation of the relation between visual experience and pragmatic development*

Presenting Author: **Paula Rubio-Fernandez**, *Max Planck Institute for Psycholinguistics*

Paula Rubio-Fernández: *Max Planck Institute for Psycholinguistics*; **Madeleine Long**: *University of Edinburgh*; **Vishakha Shukla**: *New York University*; **Vrinda Bhatia**: *Jawaharlal Nehru University*; **Anwesha Mahapatra**: *Jawaharlal Nehru University*; **Dr. Chetan Raleka**

P3-EE-756: *The relationship between non-verbal alignment and cooperativeness in a game theory-based TV show*

Presenting Author: **Klaudia Karkowska**, *Nicolaus Copernicus University*

Klaudia Karkowska: *Nicolaus Copernicus University*; **Darya Namednikava**: *Centre for Language Evolution Studies, Nicolaus Copernicus University*; **Marek Placiński**: *Nicolaus Copernicus University in Toruń*; **Michael Pleyer**: *Nicolaus Copernicus University in Toruń*

P3-EE-757: *Changes in Partner Models – Effects of Adaptivity in the Course of Explanations*

Presenting Author: **Josephine Beryl Fisher**, *Paderborn University*

Heike M. Buhl: *Paderborn University*; **Josephine Beryl Fisher**: *University Paderborn*; **Katharina Rohlfing**: *Paderborn University*

P3-EE-758: *Numbers in context: Cardinals, ordinals, and nominals*

Presenting Author: **Greg Woodin**, *University of Birmingham*

Greg Woodin: *University of Birmingham*; **Bodo Winter**: *University of Birmingham*

P3-EE-759: *Sound Symbolism Across Diverse Writing Systems*

Presenting Author: **Alexander Porto**, *Duquesne University*

Alexander Porto: *Duquesne University*; **Alexander Basalyga**: *Independent Researcher*; **Mr. Nikolai Huckle**: *SCHUFA Holding AG*; **Julio Santiago**: *University of Granada*; **Elizabeth Fein**: *Duquesne University*; **Alexander Kranjec**: *Duquesne University*

P3-EE-760: *Do Large language Models know who did what to whom?*

Presenting Author: **Joseph Denning**, *UCLA*

Joseph Denning: *UCLA*; **Xiaohan (Hannah) Guo**: *The University of Chicago*; **Bryor Snefjella**: *UCLA*; **Idan A Blank**: *University of California, Los Angeles*

P3-EE-761: *Can Grammatical Gender Override Gender Stereotypes?*

Presenting Author: **Nikoletta Galeraki**, *Deree, The American College of Greece*

Nikoletta Galeraki: *Deree, The American College of Greece*; **Eleni Orfanidou**: *Deree, The American College of Greece*

P3-EE-762: *Iconic Artificial Language Learning in the Field: An Experiment with San Martín Peras Mixtec Speakers*

Presenting Author: **Naomi Tachikawa Shapiro**, *Radboud Universiteit*

Naomi Tachikawa Shapiro: *Radboud Universiteit*; **Andrew Hedding**: *University of Washington*; **Shane Steinert-Threlkeld**: *University of Washington*

P3-EE-763: *Cross-modal priming of written words across different timing conditions*

Presenting Author: **Johanna Funk**, *Philipps University of Marburg*

Johanna Funk: *Philipps University of Marburg*; **Louis Terenci Hessler Carbonell**: *Philipps Universität Marburg* ; **Denise Al-Rubaye-Jung**: *DSA*; **Michelle Morgenstern**: *Philipps-Universität Marburg*; **Elisa Schmied**: *Philipps-Universität Marburg* ; **Jasemina Tzallas**: *P*

P3-EE-764: *Word prediction is more than just predictability: An investigation of core vocabulary*

Presenting Author: **Andrew Wang**, *The University of Melbourne*

Andrew Wang: *The University of Melbourne*; **Simon De Deyne**: *University of Melbourne*; **Meredith McKague**: *University of Melbourne*; **Andrew Perfors**: *University of Melbourne*

P3-EE-765: *Availability, informatively and bustiness: Why average corpus measures are an inaccurate guide to surprisal in language*

Presenting Author: **Sihan Chen**, *MIT*

Sihan Chen: *MIT*; **Edward Gibson**: *Massachusetts Institute of Technology*; **Michael Ramscar**: *University of Tübingen*

P3-EE-766: *Large Language Models and Human Discourse Processing*

Presenting Author: **Eyal Sagi**, *University of St. Francis*

Eyal Sagi: *University of St. Francis*

P3-EE-767: *An Experimental-Semiotic Approach to the Emergence of Metaphor and Polysemy in Interaction*

Presenting Author: **Michael Pleyer**, *Nicolaus Copernicus University in Toruń*

Michael Pleyer: *Nicolaus Copernicus University in Toruń*; **Darya Namednikava**: *Centre for Language Evolution Studies, Nicolaus Copernicus University* ; **Klaudia Karkowska**: *Nicolaus Copernicus University*; **Svetlana Kuleshova**: *Nicolaus Copernicus University in Torun*; **Marek Placiński**: *Nicolaus Copernicus University in Toruń*; **Slawomir Wacewicz**: *Nicolaus Copernicus University*

P3-EE-768: *Mis-Heard Lyrics: an Ecologically-Valid Test of Noisy Channel Processing*

Presenting Author: **Moshe Poliak**, *MIT*

Moshe Poliak: *MIT*; **Hannah Kimura**: *MIT*; **Edward Gibson**: *Massachusetts of Institute Technology*

P3-EE-769: *Tracking Lexical Knowledge of Concepts Unique to Singapore English Among Speakers of Singapore English*

Presenting Author: **Cynthia S.Q. Siew**, *National University of Singapore*

Cynthia S.Q. Siew: *National University of Singapore*

P3-EE-770: *Processing non-culminating accomplishments across languages*

Presenting Author: **Oliver Bott**, *Bielefeld University*

Oliver Bott: *Bielefeld University*; **Torgrim Solstad**: *Bielefeld University*; **Jens Michaelis**: *Bielefeld University*

P3-EE-771: *Voice markers of schizophrenia: assessing the generalizability of machine learning models and their clinical applicability*

Presenting Author: **Alberto Parola**, *Copenhagen University*

Alberto Parola: *Copenhagen University*; **Astrid Rybner**: *Aarhus University*; **Emil Trenckner Jessen**: *Aarhus University*; **Stine Nyhus Larsen**: *Aarhus University*; **Marie Damsgaard Mortensen**: *Aarhus University*; **Arndis Simonsen**: *Aarhus University*; **Yuan Zhou**: *Chinese Academy of Sciences*; **Katja Koelkebeck**: *Hospital and Institute of the University of Duisburg-Essen*; **Vibeke Bliksted**: *Aarhus University*; **Riccardo Fusaroli**: *Aarhus University*

P3-EE-772: *Composition as nonlinear combination in semantic space: Exploring the effect of compositionality on Chinese compound recognition*

Presenting Author: **Tianqi Wang**, *The University of Hong Kong*

Tianqi Wang: *The University of Hong Kong*; **Xu Xu**: *Shanghai Jiao Tong University*

P3-EE-773: *Examining structural and semantic predictors of announced sarcasm on r/AskReddit*

Presenting Author: **Joshua Hew**, *University of Edinburgh*

Joshua Hew: *University of Edinburgh*; **Aida Tarighat**: *University of Edinburgh*; **Martin Corley**: *University of Edinburgh*; **Zachary Horne**: *University of Edinburgh*

P3-EE-774: *Investigating Iconicity in Vision-and-Language Models: A Case Study of the Bouba/Kiki Effect in Japanese Models*

Presenting Author: **Hinano Iida**, *Nagoya University*

Hinano Iida: *Nagoya University*; **Hayate Funakura**: *Kyoto University*

P3-EE-775: *Use of spatial reference frames for motion events in Balinese co-speech gesture*

Presenting Author: **Danielle Naegeli**, *Tilburg University*

Danielle Naegeli: *Tilburg University*; **David Peeters**: *Tilburg University*; **Emiel Krahmer**: *Tilburg University*; **Marieke Schouwstra**: *University of Amsterdam*; **Made Sri Satyawati**: *Universitas Udayana*; **Connie De Vos**: *Tilburg University*

P3-GG-776: *Converging neural evidence for number-specific mechanisms supporting number line estimation*

Presenting Author: **Lauren S. Aulet**, *Carnegie Mellon University*

Lauren Aulet: *Carnegie Mellon University*; **Caroline Kaicher**: *Carnegie Mellon University*; **Jessica Cantlon**: *Carnegie Mellon*

P3-GG-777: *Best brain conditions for winning an esports competition: Electroencephalography amplitude in the frontal and parietal cortices associated with esports competition results*

Presenting Author: **Sorato Minami**, *Kashino Diverse Brain Research Laboratory, NTT Communication Science Laboratories*

Sorato Minami: *Kashino Diverse Brain Research Laboratory, NTT Communication Science Laboratories*; **Ken Watanabe**: *WASEDA University*; **Naoki Saijo**: *NTT Communication Science Laboratories*; **Makio Kashino**: *NTT Communication Science Laboratories*

P3-HH-778: *Two Directions for Skill Development of Basic Latin American Dance Movements*

Presenting Author: **Kyoko Hatsuda**, *Kobe University*

Kyoko Hatsuda: *Kobe University*; **Daichi Shimizu**: *Graduate School of Human Development and Environment*

P3-HH-779: *Cognitive Science is (largely) Psychological Science*

Presenting Author: **Akhil Abburu**, *Indian Institute of Technology Delhi*

Akhil Abburu: *Indian Institute of Technology Delhi*; **Sumitava Mukherjee**: *Indian Institute of Technology Delhi*

P3-HH-780: *L2 speakers use of discourse strategies in a Maze Task*

Presenting Author: **Carine Abraham**, *University of Edinburgh*

Carine Abraham: *University of Edinburgh*

P3-HH-781: *Searching for Functional Boundaries: Evaluating Effectiveness in Complex Adaptive Networks with Cognitive Dynamics.*

Presenting Author: **Kiran Pala**, *University of Eastern Finland*

Kiran Pala: *University of Eastern Finland*

P3-HH-782: *Conceptualizations of the human-nature relationship as a predictor of pro-environmental attitudes and behavior*

Presenting Author: **Joan JH Kim**, *Northeastern University*

Joan Kim: *Northeastern University*; **John D Coley**: *Northeastern University*

P3-HH-783: *Visual Voyage of Stock Market Strategies: Eye-tracking Insights into Investor Choices*

Presenting Author: **Tanvi Narsapur**, *International Institute of Information Technology Hyderabad*

Tanvi Narsapur: *International Institute of Information Technology Hyderabad*; **Kavita Vemuri**: *International Institute of Information Technology - Hyderabad*

P3-HH-784: *Using psychophysical methods to investigate the role of sound in speed perception*

Presenting Author: **Valter Prpic**, *University of Bologna*

Valter Prpic: *University of Bologna*; **Elena Gherri**: *Università di Bologna*; **Luisa Lugli**: *University of Bologna*

P3-II-785: *Linking cognitive and neural models of audiovisual processing to explore speech perception in autism*

Presenting Author: **Grace Brown**, *Stanford*

Grace Brown: *Stanford*; **Naomi H Feldman**: *University of Maryland*

P3-JJ-786: *Mechanistic Explanations in the Cognitive Sciences: Beyond Linear Storytelling*

Presenting Author: **Alexander Hölken**, *Institute for Philosophy II*

Alexander Michael Hölken: *Institute for Philosophy II*

P3-JJ-787: *Concepts are specifically structured and handled mental files*

Presenting Author: **Prof. Dr. Albert Newen**, *Ruhr University Bochum*

Francesco Marchi: *Ruhr University Bochum*; **Albert Newen**: *Ruhr-Universität Bochum*

P3-JJ-788: *Opinion Averaging versus Argument Exchange*

Presenting Author: **Leon Assaad**, *Birkbeck, University of London*

Ulrike Hahn: *Birkbeck, University of London*; **Leon Assaad**: *Ludwig-Maximilians-Universität München*; **Jason W. Burton**: *Copenhagen Business School*

P3-JJ-789: *Subitizing, Visual Indexes, and Attention*

Presenting Author: **Jean-Charles Pelland**, *University of Bergen*
Jean-Charles Pelland: *University of Bergen*

P3-JJ-790: *Paradoxical parsimony: How latent complexity favors explanatory simplicity*

Presenting Author: **Tianwei Gong**, *University of Edinburgh*

Tianwei Gong: *University of Edinburgh*; **Simon Valentin**: *University of Edinburgh*; **Chris Lucas**: *University of Edinburgh*; **Neil R. Bramley**: *University of Edinburgh*

P3-JJ-791: *Humans generate auxiliary hypotheses to resolve conflicts in observational data*

Presenting Author: **Trisevgeni Papakonstantinou**, *University College London*

Trisevgeni Papakonstantinou: *University College London*; **Kuan Iao Leong**: *University College London*; **David Lagnado**: *University College London*

P3-JJ-792: *Universal cognition in the context of resources and goals*

Presenting Author: **Steven Phillips**, *National Institute of Advanced Industrial Science and Technology*

Steven Phillips: *National Institute of Advanced Industrial Science and Technology*

P3-JJ-793: *Rationality Meets Facts*

Presenting Author: **Kevin Reuter**, *University of Zurich*

Kevin Reuter: *University of Zurich*; **Michael Messerli**: *University if Zurich*

P3-JJ-794: *Testing the Maximum Entropy Approach to Awareness Growth in Bayesian Epistemology and Decision Theory*

Presenting Author: **Rafael Fuchs**, *Munich Center for Mathematical Philosophy, LMU Munich*

Rafael Fuchs: *Munich Center for Mathematical Philosophy, LMU Munich*; **Marko Tesic**: *Leverhulme Centre for the Future of Intelligence, University of Cambridge*; **Ulrike Hahn**: *Birkbeck, University of London*

P3-JJ-795: *Are Disagreements Just Differences in Beliefs?*

Presenting Author: **Kerem Oktar and Branson Byers**, *Princeton*

Kerem Oktar: *Princeton*; **John Branson Byers**: *Princeton University*; **Tania Lombrozo**: *Princeton University*

P3-JJ-796: *Bargaining power, outside options, and moral judgment*

Presenting Author: **Arthur Le Pargneux**, *University of Warwick*

Arthur Le Pargneux: *University of Warwick*; **Fiery Cushman**: *Harvard University*

P3-JJ-797: *Moral flexibility in applying queuing norms can be explained by contractualist principles in children and adults*

Presenting Author: **Joshua P White**, *Massachusetts Institute of Technology*

Joshua P White: *Massachusetts Institute of Technology*; **Rahul Bhui**: *MIT*; **Fiery Cushman**: *Harvard University*; **Josh Tenenbaum**: *MIT*; **Sydney Levine**: *Allen Institute for AI*

P3-JJ-798: *An Epistemic Principle of Charity in Informal Argument Evaluation*

Presenting Author: **Jens Koed Madsen**, *London School of Economics*

Jens Koed Madsen: *London School of Economics*; **Mike Oaksford**: *Birkbeck, University of London*; **Nicole Lauren George**: *London Schools of Economics*; **Cassandra Teigen**: *London School of Economics and Political Science*; **Sayeh Yousefi**: *London School of Economics a*

P3-JJ-799: *Common sense reasoning about credibility*

Presenting Author: **Peiyao Hu**, *Stevens Institute of Technology*

Peiyao Hu: *Stevens Institute of Technology*; **Mark K Ho**: *Stevens Institute of Technology*

P3-KK-801: *Exploring the Predictive Power of Eye Movements on Insight Problem Solving*

Presenting Author: **Emily Creel**, *Mississippi State University*

Emily Creel: *Mississippi State University*; **Jarrod Moss**: *Mississippi State University*

P3-LL-802: *Testing the persuasiveness of meme based arguments by analogy*

Presenting Author: **Katherine Hallin**, *Zachary Horne, Leonidas Doumas, University of Edinburgh*

Zachary Horne: *University of Edinburgh*; **Leonidas A. A. Doumas**: *University of Edinburgh*; **Katherine Hallin**: *University of Edinburgh*

P3-LL-803: *Error in Sequential Action: An Evaluation of a Competence Model*

Presenting Author: **Richard P. Cooper**, *Birkbeck, University of London*

Richard P Cooper: *Birkbeck, University of London*

P3-LL-804: *Collateral benefits to others induce the representation of social interactions*

Presenting Author: **Jun Yin**, *Ningbo University*

Jun Yin: *Ningbo University*; **Qingqing Ye**: *Ningbo University*; **Denis Tatone**: *Central European University*

P3-LL-805: *Action and outcome predictability impact sense of agency*

Presenting Author: **Laura Saad**, *US Naval Research Laboratory*

Laura Saad: *US Naval Research Laboratory*; **J. Malcolm McCurry**: *Arcfield*; **Greg Trafton**: *Naval Research Laboratory*

P3-LL-806: *Effects of ease of comprehension and individual differences on the pleasure experienced while reading novelized verb-based metaphors*

Presenting Author: **Dr Patrick J Errington**, *University of Edinburgh*

Patrick J Errington: *University of Edinburgh*; **Melissa Thye**: *University of Edinburgh*; **Annie Tao**: *University of Edinburgh*; **Daniel Mirman**: *University of Edinburgh*

P3-LL-807: *Unveiling Analogical Reasoning Strategies: Insights from Eye Tracking in Four-Term Analogies*

Presenting Author: **Hanna Kucwaj**, *SWPS University*

Hanna Kucwaj: *SWPS University*; **Bartłomiej Kroczek**: *Jagiellonian University in Krakow*; **Adam Chuderski**: *Jagiellonian University in Krakow*

P3-LL-808: *Assessing the Impact of Nature for Reducing Cognitive Fatigue: A Validation Study*

Presenting Author: **Marlène Bolduc**, *Université Laval*

Marlène Bolduc: *Université Laval*; **Audrey Cayouette**: *Université Laval*; **Danielle Benesch**: *Thales Research and Technology Canada*; **Tanya Paul**: *Thales Research and Technology Canada*; **François Vachon**: *Université Laval*; **Alexandre Marois**: *Université Laval*

P3-LL-809: *Adolescent Metacognitive Ability Predicts Spontaneous Task Strategy Adjustment*

Presenting Author: **Kali Chidley**, *The University of Queensland*

Kali Chidley: *The University of Queensland*; **Paul Dux**: *The University of Queensland*; **Amaya Fox**: *The University of Queensland*; **Stephanie Macmahon**: *The University of Queensland*; **Annemaree Carroll**: *The University of Queensland*; **Natasha Matthews**: *The Universit*

P3-LL-811: *Involuntary Mental Time Travel Occurrences: Differences Between Self-Caught and Probe-Caught Paradigms*

Presenting Author: **Güler Zeynep Sülün**, *Koç University*

Güler Zeynep Sülün: *Koç University*

P3-LL-812: *The Role of Salience in Multialternative Multiattribute Choice*

Presenting Author: **Eeshan Hasan**, *Indiana University*

Eeshan Hasan: *Indiana University*; **Jennifer Trueblood**: *Indiana University Bloomington*

P3-LL-813: *Intuitive Theories of Cognition on Affect and Risk Preferences*

Presenting Author: **Dogukan Demircioglu**, *University of Waterloo*

dogukan demircioglu: *University of Waterloo*; **Chris Dawson**: *University of Bath*; **Samuel Johnson**: *University of Waterloo*

P3-LL-814: *Revealing human planning strategies with eye-tracking*

Presenting Author: **Frederick Callaway**, *New York University*

Frederick Callaway: *New York University*; **Miaomiao Yu**: *New York University*; **Marcelo G Mattar**: *New York University*

P3-LL-815: *Eye Movement Behavior during Mind Wandering across Different Tasks in Interactive Online Learning*

Presenting Author: **Xiaoru Teng**, *The University of Hong Kong*

Xiaoru Teng: *The University of Hong Kong*; **Hui Lan**: *Beijing University of Technology*; **Gloria Wong**: *University of Reading*; **Antoni B. Chan**: *City University of Hong Kong*; **Janet Hsiao**: *Hong Kong University of Science & Technology*

P3-LL-816: *Process Modelling for Digit Span Tasks: Attention, Working Memory, and Executive Functioning in Cancer Survivors*

Presenting Author: **Ruben Daniël Potthoff**, *Netherlands Cancer Institute*

Ruben Potthoff: *Netherlands Cancer Institute*; **Sanne Schagen**: *Netherlands Cancer Institute*; **Joost Agelink van Rentergem**: *Netherlands Cancer Institute*

P3-LL-817: *Cross-modal serial dependence between visual and auditory stimuli in numerical estimation task*

Presenting Author: **Takuma Hashimoto**, *Osaka Metropolitan University*

Takuma Hashimoto: *Osaka Metropolitan University*; **Yukihiro Morimoto**: *Osaka Prefecture University*; **Shogo Makioka**: *Osaka Metropolitan University*

P3-LL-818: *Explaining apparently impossible phenomena: difference between physical and mental effects*

Presenting Author: **Giorgio Gronchi**, *University of Florence*

Giorgio Gronchi: *University of Florence*; **Axel Perini**: *University of Florence*; **Jeffrey Zemla**: *Syracuse University*; **Franco bagnoli**: *University of Florence*; **Maria Pia Viggiano**: *University of Florence*

P3-LL-819: *The Effect of Set Size on Long-Term-Memory Retrieval Times in Cued Recall*

Presenting Author: **Susanne Haridi**, *Max Planck School of Cognition*

Susanne Haridi: *Max Planck School of Cognition*; **Mirko Thalmann**: *Helmholtz Institute*; **Eric Schulz**: *Helmholtz Institute*

P3-LL-820: *Motivated Information Search*

Presenting Author: **Ohan Hominis**, *Central European University*

Ohan Hominis: *Central European University*; **Azzurra Ruggeri**: *Central European University*

P3-LL-821: *Individual differences in multimodal child-directed language: Unraveling individual style, empathy and the Big Five personality traits*

Presenting Author: **Yanran Zhang**, *Tilburg university*

Yanran Zhang: *Tilburg university*; **Yan Gu**: *University of Essex*

P3-LL-822: *Generalizability of Conformist Social Influence Beyond Direct Reference*

Presenting Author: **Ryutaro Mori**, *The University of Tokyo*

Ryutaro Mori: *The University of Tokyo*; **Hidezo Suganuma**: *The University of Tokyo*; **Tatsuya Kameda**: *Meiji Gakuin University*

P3-LL-823: *Bias in Belief Updating: Combining the Bayesian Sampler with Heuristics*

Presenting Author: **Yitong Lin**, *University of Warwick*

Yitong Lin: *University of Warwick*; **Jian-Qiao Zhu**: *Princeton University*; **Adam Sanborn**: *University of Warwick*

P3-LL-824: *Cognitive Load In Speed-Accuracy Tradeoff: Theoretical and Empirical Evidence Based on Resource-Rational Analyses*

Presenting Author: **Masaru Shirasuna**, *Otemon Gakuin University*

Masaru Shirasuna: *Otemon Gakuin University*; **Rina Kagawa**: *University of Tsukuba*; **Hidehito Honda**: *Otemon Gakuin University*

P3-LL-825: *The Long-Term Impact of Cognitive Training on Risk-Reward Trade-Offs*

Presenting Author: **Anna Ubiali**, *City, University of London*

Anna Ubiali: *City, University of London*; **Andreas Jarvstad**: *City, University of London*

P3-LL-826: *The Effect of Perceived vs. Actual Knowledge on Exploration*

Presenting Author: **Yijin Fang**, *Tsinghua University*

Yijin Fang: *Tsinghua University*; **Huiying Yang**: *Tsinghua University*; **Stella Christie**: *Tsinghua University*

P3-LL-827: *The influence of alcohol-specific episodic memory and cue exposure on value-based decision-making and its role in ad libitum drinking*

Presenting Author: **Amber Copeland**, *University of Sheffield*

Amber Copeland: *University of Sheffield*; **Tom Stafford**: *University of Sheffield*; **Matt Field**: *University of Sheffield*

P3-LL-828: *Increasing reward prospect promotes cognitive flexibility: Further evidence from a cued global-local task*

Presenting Author: **Kerstin Fröber**, *University of Cologne*

Kerstin Fröber: *University of Cologne*

P3-LL-829: *Experiments in games: modding the Zool Redimensioned warning system to support players' skill acquisition and attrition rate*

Presenting Author: **Dr Nemanja Vaci**, *University of Sheffield*

Nemanja Vaci: *University of Sheffield*; **Tom Stafford**: *University of Sheffield*; **Ying Ren**: *University of Sheffield*; **Jacob Habgood**: *SUMO Digital*

P3-LL-832: *The Effects of Perspective Taking on Intellectual Humility and its Relationship to Confirmation Bias*

Presenting Author: **Foivos Kotsogiannis Teftsoglou**, *The American College of Greece, Deree*

Foivos Kotsogiannis: *The American College of Greece, Deree*; **Ioanna Spentza**: *The American College of Greece*; **Chrysanthi Nega**: *The American College of Greece*

P3-LL-833: *Probabilistic simulation supports generalizable intuitive physics*

Presenting Author: **Haoliang Wang**, *University of California, San Diego*

Haoliang Wang: *University of California, San Diego*; **Khaled Jedoui**: *Stanford University*; **Rahul Venkatesh**: *Stanford University*; **Felix Jedidja Binder**: *UC San Diego*; **Josh Tenenbaum**: *MIT*; **Judith E. Fan**: *Stanford University*; **Daniel Yamins**: *Stanford University*;

3-LL-834: *Can a Causal Relational Matching-to-Sample Task Reveal Abstract Reasoning Abilities in Preschool Children?*

Presenting Author: **Elisa Felsche**, *Max Planck Institute for Evolutionary Anthropology*

Elisa Felsche: *Max Planck Institute for Evolutionary Anthropology*; **Luke Maurits**: *Max Planck Institute for Evolutionary Anthropology*; **Daniel Benjamin Moritz Haun**: *Max Planck Institute for Evolutionary Anthropology*

P3-LL-835: *Functional Explanations Link Gender Essentialism and Normativity*

Presenting Author: **Emily Foster-Hanson**, *Swarthmore College*

Emily Foster-Hanson: *Swarthmore College*; **Tania Lombrozo**: *Princeton University*

P3-LL-836: *Rationally uncertain: investigating deviations from Explaining Away and Screening Off in causal reasoning*

Presenting Author: **Nicolás Marchant**, *Universidad Adolfo Ibáñez*

Nicolas Marchant: *Universidad Adolfo Ibáñez*; **Guillermo Puebla**: *Universidad de Tarapacá*; **Tadeg Quillien**: *University of Edinburgh*; **Sergio E. Chaigneau**: *Adolfo Ibanez University*

P3-LL-837: *Does the process of explaining affect one's beliefs?*

Presenting Author: **Isaac Handley-Miner**, *Boston College*

Isaac Handley-Miner: *Boston College*; **Liane Young**: *Boston College*

P3-LL-838: *Re-Examining Base-Rate Neglect: The Effect Of Context*

Presenting Author: **Nine Adler**, *University College London*

Nine Adler: *University College London*; **Stephen H Dewitt**: *University College London*

P3-LL-839: *Causal coherence improves episodic memory of dynamic events*

Presenting Author: **Andreas Arslan**, *Central European University*

Andreas Arslan: *Central European University*; **Jonathan F.**

Kominsky: *Central European University*

P3-LL-840: *The Attraction of Anticipation: How Causal Interactions Draw People's Attention in Visual Tasks*

Presenting Author: **Tianshu Chen**, *University College London*

Tianshu Chen: *University College London*; **Christos Bechlivanidis**: *University College London*; **Henrik Singmann**: *UCL*; **David Lagnado**: *University College London*

P3-LL-841: *Social network topology shapes narrative processing and hashtag production*

Presenting Author: **John Hunter Priniski**, *UCLA*

Hunter Priniski: *UCLA*; **Bryce Linford**: *UCLA*; **Sai Krishna**: *University of Southern California*; **Fred Morstatter**: *USC Information Sciences Institute*; **Jeff Brantingham**: *UCLA*; **Hongjing Lu**: *UCLA*

P3-LL-842: *Causal Information Seeking*

Presenting Author: **Brian N. Yin**, *New York University*

Brian N Yin: *New York University*; **Bob Rehder**: *New York University*

P3-LL-843: *Asymmetry in Language, Asymmetry in Mind: The Effect of Sagittal Time-space Metaphors on Children's Understanding of Time*

Presenting Author: **Jiayu Jiang**, *Syracuse University*

Jiayu Jiang: *Syracuse University*; **Yan Gu**: *UCL*

P3-LL-844: *Recognising the future utility of a solution: When do children choose to retain and share an object to solve a future problem?*

Presenting Author: **Zoe Ockerby**, *The University of Queensland*

Zoe Ockerby: *The University of Queensland*; **Thomas Suddendorf**: *University of Queensland*; **Jonathan Redshaw**: *University of Queensland*

P3-LL-846: *Number In Perspective: Why is it Hard for Preschoolers to Attribute False Belief About Numerosity?*

Presenting Author: **Zoltan Jakab**, *Eötvös Loránd University*

Zoltan Jakab: *Eötvös Loránd University*; **Szabolcs Kiss**: *University of Pécs*

P3-LL-847: *The Effect of Modality on Children's Higher-Order Concept Learning*

Presenting Author: **Emily Neer**, *University of California, Los Angeles*

Emily M Neer: *University of California, Los Angeles*; **Raymond Shao**: *University of California, Los Angeles*; **Catherine Sandhofer**: *University of California, Los Angeles*

P3-LL-848: *Investigating deliberate ignorance in children and adults*

Presenting Author: **Francesca Bonalumi**, *Central European University*

Francesca Bonalumi: *Central European University*; **Ralph Hertwig**: *Max Planck Institute for Human Development*; **Azzurra Ruggeri**: *Technical University Munich*

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P3-LL-849: *Simulating Infants' Attachment: Behavioral Patterns of Caregiver Proximity Seeking and Environment Exploration Using Reinforcement Learning Models.*

Presenting Author: **Xi Jia Zhou**, *Stanford Graduate School of Education*

Xi Jia Zhou: *Stanford Graduate School of Education*; **Chris Doyle**: *Stanford University*; **Michael C. Frank**: *Stanford University*; **Nick Haber**: *Stanford*

P3-LL-850: *Characterizing Age-Related Change in Learning the Value of Cognitive Effort*

Presenting Author: **Camille V Phaneuf**, *Harvard University*

Camille V Phaneuf: *Harvard University*; **Isabelle M Jacques**: *Harvard University*; **Catherine Insel**: *Columbia University*; **Catherine Insel**: *Northwestern University*; **A. Ross Otto**: *McGill University*; **Leah Somerville PhD**: *Harvard University*

P3-LL-851: *Can children leverage consensus and source independence to get better advice?*

Presenting Author: **Oana Stanciu**, *Central European University*

Oana Stanciu: *Central European University*; **Azzurra Ruggeri**: *Technical University Munich*

P3-LL-852: *Caregiver presence promotes judgements of exploration*

Presenting Author: **Annya Dahmani**, *University of California, Berkeley*

Annya Dahmani: *University of California, Berkeley*; **Dorsa Amir**: *University of California, Berkeley*; **Ashley J Thomas**: *Harvard University*; **Alison Gopnik**: *University of California at Berkeley*

P3-LL-854: *Young children recognise when others experience regret and relief*

Presenting Author: **Alicia K Jones**, *The University of Queensland*

Alicia K Jones: *The University of Queensland*; **Nicole Nelson**: *University of Adelaide*; **Shalini Gautam**: *Boston College*; **Jonathan Redshaw**: *University of Queensland*

P3-LL-855: *CognitiveConflict_0131*

Presenting Author: **Nicolò Ciarrocchi**, *Sapienza*

Nicolò Ciarrocchi: *Sapienza*; **Pierpaolo Zivi**: *Sapienza University of Rome*

P3-LL-856: *Shared perceptual decisions exhibit an animacy bias*

Presenting Author: **Rebecca Geiselmann**, *LMU Munich*

Rebecca Geiselmann: *LMU Munich*; **Ophelia Deroy**: *LMU*; **Lasana Harris**: *UCL*

P3-LL-857: *Effects of culture relatedness on bilingual emotional responses to words: Insights from word norms and event-related potentials (ERPs)*

Presenting Author: **Yanxi Lu**, *Lancaster University*

Yanxi Lu: *Lancaster University*; **Kate Cain**: *Lancaster University*; **Bo Yao**: *Lancaster University*; **Francesca M M Citron**: *Lancaster University*

P3-LL-858: *Studying with optimized multiple-choice distractors equates recall-based studying*

Presenting Author: **Myrthe Braam**, *University of Groningen*

Myrthe Braam: *University of Groningen*; **Thomas Jan Wilschut**: *University of Groningen*; **Maarten van der Velde**: *MemoryLab*; **Hedderik van Rijn**: *University of Groningen*

P3-LL-859: *Mitigating Modality-Based Interference: Multitasking practice and the distinctiveness of task representation in sensory brain regions*

Presenting Author: **Marie Mueckstein**, *University of Potsdam*

Marie Mueckstein: *University of Potsdam*; **Kai Görgen**: *Bernstein Center for Computational Neuroscience, Carité - Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin and Humboldt-Universität zu Berlin*; **Stephan Heinzel**: *Freie Universität*

P3-LL-860: *Longitudinal multilevel models for predicting cognitive change in Alzheimer's and related dementia patients*

Presenting Author: **James A C Myers**, *University of Sheffield*

James A C Myers: *University of Sheffield*; **Tom Stafford**: *University of Sheffield*; **Nemanja Vaci**: *University of Sheffield*

P3-LL-861: *Structure and process-level lexical interactions in memory search: A case study of individuals with cochlear implants and normal hearing*

Presenting Author: **Mingi Kang**, *Bowdoin College*

Abhilasha Kumar: *Bowdoin College*; **Mingi Kang**: *Bowdoin College*; **William G. Kronenberger**: *Indiana University*; **Michael N. Jones**: *Indiana University*; **David Pisoni**: *Indiana University*

P3-LL-862: *Validity of Concept Mapping for Assessing Mental Models of System Functioning*

Presenting Author: **Judith Schmidt**, *Chair of Vocational Education*

Judith Schmidt: *Chair of Vocational Education*; **Eva Louise Rix**: *Chair of Vocational Education*; **Peter Hesse**: *Chair of Vocational Education*; **Stephan Abele**: *Chair of Vocational Education*; **Romy Müller**: *Technische Universität Dresden, Chair of Engineering Psych*

P3-LL-863: *Holier-Than-Thou: Can Contextual Information About Minimal Groups Modulate the Robust Ingroup Bias Effect?*

Presenting Author: **Abhishek Baba**, *Indian Institute of Technology Kanpur*

Abhishek Baba: *Indian Institute of Technology Kanpur*; **Ark Verma**: *Indian Institute of Technology Kanpur*

P3-LL-864: *Extending the Locally Bayesian Learning Model to Exemplar-Based Categorization with Continuous Features*

Presenting Author: **Yu-Wei Chang**, *Syracuse University*

Yu-Wei Chang: *Syracuse University*; **Sinem Aytac**: *Syracuse University*; **Cindy G Mendoza Gonzalez**: *Syracuse University* ; **Michael Kalish**: *Syracuse University*; **Daniel Corral**: *Syracuse University*

P3-LL-865: *Category Learning in Context: Modelling an Assimilation Process in Self-regulated Category Learning*

Presenting Author: **Ann-Katrin Hosch**, *University of Bremen*

Ann-Katrin Hosch: *University of Bremen*; **Janina A Hoffmann**: *University of Bath*; **Bettina von Helversen**: *University of Bremen*

P3-LL-866: *Is focusing enough in category learning?*

Presenting Author: **Hyungwook Yim**, *Hanyang University*

Hyungwook Yim: *Hanyang University*; **Sejin Yoon**: *Hanyang University*

P3-LL-867: *Predicting Insight during Physical Reasoning*

Presenting Author: **Solim LeGris**, *NYU*

Solim LeGris: *NYU*; **Brenden Lake**: *NYU*; **Todd M Gureckis**: *New York University*

P3-LL-869: *XOR in Order: Category Learning of Exclusive-Or in a Temporal Sequence*

Presenting Author: **Vedant Biren Shah**, *University of Bremen*

Vedant Biren Shah: *University of Bremen*; **René Schlegelmilch**: *University of Bremen*; **Bettina von Helversen**: *University of Bremen*

P3-LL-870: *Examining the Psychological Significance of the Jumps in the Decision Process through Test-Retest Reliability Analysis*

Presenting Author: **Mehdi Ebrahimi Mehr**, *Shahid Beheshti University*

Mehdi Ebrahimi Mehr: *Shahid Beheshti University*; **Jamal Amani Rad**: *Shahid Beheshti University*

P3-LL-871: *Regret Theory predicts decoy effects in risky and multiattribute choice*

Presenting Author: **Logan Walls**, *University of Michigan*

Logan A Walls: *University of Michigan*; **Andrew Howes**: *University of Exeter*; **Rick Lewis**: *University of Michigan*

P3-LL-873: *Cognitive deficits and enhancements in youth from adverse conditions: An integrative assessment using Drift Diffusion Modeling in the ABCD study*

Presenting Author: **Stefan Vermeent**, *Utrecht University*

Stefan Vermeent: *Utrecht University*

P3-LL-874: *Shock to Thrill: Linking Sensation and Information Seeking*

Presenting Author: **Ern Wong**, *IMT School for Advanced Studies Lucca*

Ern Wong: *IMT School for Advanced Studies Lucca*; **Tobias Hauser**: *University of Tübingen*; **Pietro Pietrini**: *IMT School for Advanced Studies Lucca*; **Charley M Wu**: *University of Tubingen*

P3-LL-876: *Comparing the effect of single outliers and outlier clusters on trend estimation in scatterplots*

Presenting Author: **Özgür Saydır**, *Koç University*

Özgür Saydır: *Koç University*; **Aysecan Boduroglu**: *Koc University*

P3-LL-877: *Task Diversity and Human Decision-Making: A Taxonomic View*

Presenting Author: **Inga Ibs**, *Technical University Darmstadt, Germany*

Inga Ibs: *Technical University Darmstadt, Germany*; **Claire Ott**: *TU Darmstadt*; **Constantin Rothkopf**: *Technical University of Darmstadt*; **Frank Jäkel**: *TU Darmstadt*

P3-LL-878: *Performance on the Traveling Salesperson Problem: The role of perceptual cues and theories of intelligence*

Presenting Author: **Rachel Blaser**, *University of San Diego*

Rachel Blaser: *University of San Diego*; **Alexandra Lockwood**: *University of San Diego*; **Cosette Fox**: *Holy Cross College*

P3-LL-879: *Modelling probability matching as an approximate Bayesian sampling process*

Presenting Author: **Christian Tsvetkov**, *University of Warwick*

Christian Tsvetkov: *University of Warwick*; **Haijiang Yan**: *University of Warwick*; **Adam Sanborn**: *University of Warwick*

P3-LL-880: *On the ecologically rational inference and memory-based judgment errors*

Presenting Author: **Hidehito Honda**, *Otemon Gakuin University*

Hidehito Honda: *Otemon Gakuin University*; **Masaru Shirasuna**: *Otemon Gakuin University*; **Jun Kawaguchi**: *Nagoya University*; **Toshihiko Matsuka**: *Chiba University*; **Kazuhiro Ueda**: *The University of Tokyo*

P3-LL-881: *Can People Accurately Draw Statistical Inferences from Dot Plots?*

Presenting Author: **Sara Jaramillo**, *University of Pittsburgh*

Sara Jaramillo: *University of Pittsburgh*; **Benjamin Rottman**: *University of Pittsburgh*

P3-LL-882: *A Cue to Trust? Investigating the Impact of Political Advertising Transparency Disclaimers on Citizen Trust Evaluations*

Presenting Author: **Hazel Clare Gordon**, *University of Sheffield*

Hazel Clare Gordon: *University of Sheffield*; **Tom Stafford**: *University of Sheffield*; **Katharine Dommett**: *University of Sheffield*

P3-LL-883: *Exploring the expression of emotions in children's body posture using OpenPose*

Presenting Author: **Marlene Försterling**, *University of Oxford*

Marlene Försterling: *University of Oxford*; **Stella Gerdemann**: *Max Planck Institute for Human Development*; **Brian Parkinson**: *University of Oxford*; **Robert Hepach**: *University of Oxford*

P3-LL-884: *Relationship Between Spatial and Number Development: Spatial Location Knowledge but not Mental Rotation relates to Numerical Skills of Preschoolers*

Presenting Author: **Hüseyin Yalçıner**, *Middle East Technical University*

Hüseyin Yalçıner: *Middle East Technical University*; **Dilay Z. Karadoller**: *Koç University*

P3-LL-885: *Spontaneous use of external scaffolds in verbal problem solving is rare but beneficial*

Presenting Author: **Wendy Ross**, *London Metropolitan*

Wendy Ross: *London Metropolitan*; **Selene Arfini**: *University of Pavia*

P3-LL-886: *A Deeping Learning Modeling for the Development of Emotion judgement in Autistic Children*

Presenting Author: **Hui-Xin Cai**, *National Cheng Kung University*

Hui-Xin Cai: *National Cheng Kung University*; **TSE MING Chen**: *National Changhua University of Education*; **HUA FENG**: *Graduate Institute of Rehabilitation Counseling*; **Shu-Ling Peng**: *National Cheng Kung University*; **Po-Sheng Huang**: *National Taiwan University of Science and Technology*; **Ying-Chien Wang**: *National Cheng Kung University*; **Jon-Fan Hu**: *National Cheng Kung University*

P3-LL-888: *Exploring the Contributions of Semantics and Emotion to Word Memorability: a Behavioural and Computational Modeling Study*

Presenting Author: **Haoyu Zhang**, *University of Toronto*

Haoyu Zhang: *University of Toronto*; **Wilma Bainbridge**: *University of Chicago*; **Pei Sun**: *Tsinghua University* ; **Andy C.H. Lee**: *University of Toronto*

P3-LL-889: *Emotion, Belief, and the Words of the Law*

Presenting Author: **Monica Bucciarelli**, *Università di Torino*

Monica Bucciarelli: *Università di Torino*; **Phil Johnson-Laird**: *Princeton University*

P3-LL-890: *A high-dimensional semantic space of emotion representations support circumplex structure*

Presenting Author: **Dr Sudhakar Mishra**, *Indian Institute of Technology Kanpur*

Sudhakar Mishra: *Indian Institute of Technology Kanpur*; **Narayanan Srinivasan**: *Indian Institute of Technology*; **Uma Shanker Tiwary**: *Indian Institute of Information Technology Allahabad*

P3-LL-891: *Event Segmentation in Chess*

Presenting Author: **M.Sc. Psychologe & PhD Candidate Patric Daniel Pfoertner**, *Cognitive Psychology*

Patric Daniel Pfoertner: *Cognitive Psychology*; **Penka Hristova**: *New Bulgarian University*

P3-LL-892: *The Impact of Mask Use on Face Recognition in Adults with Autism Spectrum Disorder: An Eye-Tracking Study*

Presenting Author: **Yueyuan Zheng**, *University of Hong Kong*

Yueyuan Zheng: *University of Hong Kong*; **Weiyan Liao**: *University of Hong Kong*; **Ricky Van-yip Tso**: *The University of Hong Kong*; **Janet Hsiao**: *Hong Kong University of Science & Technology*

P3-LL-893: *Unlocking the Face Code: How Facial Characteristics Drive Social Biases*

Presenting Author: **Necdet Gurkan**, *Stevens Institute of Technology*

Necdet Gurkan: *Stevens Institute of Technology*; **Vismay Rathod**: *Stevens Institute of Technology*

P3-LL-894: *Multimodality on screen: Multimodal spatial directions enhance children's spatial performance on virtual visual-spatial maps*

Presenting Author: **Elif Orakçı**, *Istanbul University*

Elif Orakçı: *Istanbul University*; **Dilay Z. Karadoller**: *Middle East Technical University (METU)*

P3-LL-895: *Students Can Learn More Efficiently When Lectures Are Replaced with Practice Opportunities and Feedback*

Presenting Author: **Michael W Asher**, *Carnegie Mellon University*

Michael W Asher: *Carnegie Mellon University*; **Faria Sana**: *Athabasca University*; **Kenneth R Koedinger**: *Carnegie Mellon University*; **Paulo Carvalho**: *Human Computer Interaction Institute*

P3-LL-896: *A Reciprocal-Practice-Success (RPS) Model of Free Practice*

Presenting Author: **Pritam Laskar**, *University of Amsterdam*

Pritam Laskar: *University of Amsterdam*; **Han L. J. van der Maas**: *University of Amsterdam*

P3-LL-897: *Deceptive deception: disfluencies are incorrectly interpreted as cues to deceptive speech*

Presenting Author: **Aurélie Pistono**, *Ghent University*

Aurélie Pistono: *Ghent University*; **Bram De keersmaecker**: *Ghent University*; **Robert Hartsuiker**: *Ghent University*

P3-LL-898: *Labels aid in the more difficult of two category learning tasks: Implications for the relative diagnosticity of perceptual dimensions in selective attention tasks*

Presenting Author: **Andrew J. Mertens**, *University of Colorado at Boulder*

Andrew J Mertens: *University of Colorado at Boulder*; **Eliana Colunga**: *University of Colorado Boulder*

P3-LL-900: *New-meaning learning of L2 words facilitates the access to original meanings*

Presenting Author: **Xiaoping Fang**, *Beijing Language and Culture University*

Yufan Zhang: *Beijing Language and Culture University*; **Charles Perfetti**: *University of Pittsburgh*; **Xiaoping Fang**: *Beijing Language and Culture University*

P3-LL-901: *Context Affects Error Correction During Cross-Situational Word Learning*

Presenting Author: **Katherine Snelling**, *Queen's University*

Katherine D Snelling: *Queen's University*; **Stanka A. Fitneva**: *Queen's University*

P3-LL-902: *Accessing the meanings of ambiguous word roots in context: Evidence from crossmodal priming*

Presenting Author: **Cedric Le Bouar**, *Concordia University*

Cedric Le Bouar: *Concordia University*; **Roberto G. de Almeida**: *Concordia University*

P3-LL-903: *Assessing model-based and model-free Pavlovian-instrumental transfer using a novel two-stage paradigm*

Presenting Author: **Laura Alexandra Wirth**, *Universität Potsdam*

Laura Alexandra Wirth: *Universität Potsdam*; **Daniel J. Schad**: *University of Potsdam*

P3-LL-904: *Shifting your opinion makes you change your factual beliefs without evidence*

Presenting Author: **Evan Orticio**, *University of California, Berkeley*

Evan Orticio: *University of California, Berkeley*; **Celeste Kidd**: *University of California, Berkeley*

P3-LL-905: *A Comparison of Two Memory Models of Attitude Retrieval*

Presenting Author: **Mark Orr**, *Institute for Human and Machine Cognition*

Mark G. Orr: *Institute for Human and Machine Cognition*; **Christian Lebiere**: *Carnegie Mellong University*; **Peter Pirolli**: *Institute for human and machine cognition*; **Don Morrison**: *Carnegie Mellon University*

P3-LL-906: *How to measure observational implicit learning of complex sequences: a novel paradigm involving rapid visual presentation and serial reaction time task*

Presenting Author: **Monia D'Angiò**, *Sapienza University of Rome*

Monia D'Angiò: *Sapienza University of Rome*; **Salvatore Gaetano Chiarella**: *International School for Advanced Studies, SISSA*; **Luca Simione**: *Università degli Studi Internazionali*; **Chiara Saracini**: *Universidad Católica del Maule*; **Antonino Raffone**: *Sapienza Uni*

P3-LL-907: *Circular but Suggestive: Pragmatic Insights from Reductive Tautologies*

Presenting Author: **Martin Meyer**, *Yale University*

Martin Meyer: *Yale University*; **Frank Keil**: *Yale University*

P3-LL-908: *Bayesian Belief Polarization due to Differential Perceptions of Source Independence*

Presenting Author: **David Young**, *University of Cambridge*

David J. Young: *University of Cambridge*; **Lee H de-Wit**: *University of Camrbidge*; **Jens Koed Madsen**: *London School of Economics*

P3-LL-909: *REM (1997) Predicts Old-New, 2AFC, and 4AFC Recognition*

Presenting Author: **Richard Shiffrin**, *Indiana University Bloomington*

Zainab Mohamed: *Indiana University Bloomington*; **Constantin G. Meyer-Grant**: *University of Freiburg*; **Richard Shiffrin**: *Indiana University*

P3-LL-910: *A nonparametric model of object discovery*

Presenting Author: **Pat Little**, *New York University*

Pat Little: *New York University*; **Todd M Gureckis**: *New York University*

P3-LL-911: *Reading in conditions of low contrast; The adaptability of binocular fixation behaviours*

Presenting Author: **Ruomeng Zhu**, *University of Amsterdam*

Ruomeng Zhu: *University of Amsterdam*; **Mateo Obregón**: *The University of Edinburgh*; **Richard Shillcock**: *The University of Edinburgh*

P3-LL-912: *Exploring Loophole Behavior: A Comparative Study of Autistic and Non-Autistic Populations*

Presenting Author: **Kiera Parece**, *Harvard University*

Kiera Parece: *Harvard University*; **Sophie Bridgers**: *MIT*; **Tomer D. Ullman**: *Harvard University*; **Laura Schulz**: *MIT*

P3-LL-914: *Backward reasoning through AND/OR trees to solve problems*

Presenting Author: **Jeroen Olieslagers**, *New York University*

Jeroen Olieslagers: *New York University*; **Zahy Bnaya**: *myWhatIf foundation*; **Yichen Li**: *Harvard University*; **Wei Ji Ma**: *New York University*

P3-LL-915: *Do large language models resolve semantic ambiguities in the same way as humans? The case of word segmentation in Chinese sentence reading*

Presenting Author: **Weiyan Liao**, *University of Hong Kong*

Weiyan Liao: *University of Hong Kong*; **Zixuan Wang**: *City University of Hong Kong*; **Kathy Shum**: *University of Hong Kong*; **Antoni B. Chan**: *City University of Hong Kong*; **Janet Hsiao**: *Hong Kong University of Science & Technology*

P3-LL-916: *Is Cognitive Ability Related with Rejecting Pseudoscience, Conspiracist, and Paranormal Beliefs? A Field Study*

Presenting Author: **Hanna Kucwaj**, *Jagiellonian University*

Jan Jastrzebski: *Jagiellonian University*; **Adam Chuderski**: *Jagiellonian University*; **Hanna Kucwaj**: *SWPS University*

P3-LL-917: *Exploring Analogical Asymmetry*

Presenting Author: **Fanyi Mo**, *Northwestern University*

Fanyi Mo: *Northwestern University*; **Dedre Gentner**: *Northwestern University*

P3-LL-918: *Evidence for distinct cognitive attitudes of belief in theory of mind*

Presenting Author: **Alejandro Vesga**, *Princeton University*

Alejandro Vesga: *Princeton University*; **Neil Van Leeuwen**: *Georgia State University*; **Tania Lombrozo**: *Princeton University*

P3-LL-919: *Modelling metric violations in (geometric) conceptual spaces*

Presenting Author: **Karthikeya Kaushik**, *University of California, Berkeley*

Karthikeya Ramesh Kaushik: *University of California, Berkeley*; **Bill Thompson**: *University of California, Berkeley*

P3-LL-920: *Inferences about social networks using domain-general reasoning*

Presenting Author: **Claudia G. Sehl**, *University of Waterloo*

Claudia G. Sehl: *University of Waterloo*; **Ori Friedman**: *University of Waterloo*; **Stephanie Denison**: *University of Waterloo*

P3-LL-921: *"I'm going to choose a Hibble": Social and statistical reasoning in DEI contexts*

Presenting Author: **Aarthi Popat**, *Yale University*

Aarthi Popat: *Yale University*; **Yarrow Dunham**: *Yale University*

P3-LL-922: *Off-Peak Price Reductions for Water Demand Management*

Presenting Author: **Yutaro Onuki**, *Hitotsubashi University*

Yutaro Onuki: *Hitotsubashi University*; **Yurina Otaki**: *Hitotsubashi University*

P3-MM-923: *Necessity, Possibility and Likelihood in Syllogistic Reasoning*

Presenting Author: **Marco Ragni**, *Chemnitz University of Technology*

Daniel Brand: *Chemnitz University of Technology*; **Sara Todorovikj**: *University of Technology Chemnitz*; **Marco Ragni**: *TU Chemnitz*

P3-NN-924: *Task-sensitive retrieval from semantic memory*

Presenting Author: **Andrew Z. Flores**, *University of Illinois Urbana-Champaign*

Andrew Z. Flores: *University of Illinois Urbana-Champaign*; **Jon Willits**: *University of Illinois at Urbana-Champaign*

P3-NN-925: *An experimental assessment of the nall lexical gap*

Presenting Author: **Mora Maldonado**, *CNRS*

Mora Maldonado: *CNRS*; **Ruizhe Zhou**: *ENS*; **Benjamin Spector**: *CNRS, ENS*

P3-B-926: *Remembering better: A bridge between paired-associate learning and higher-order cognition*

Presenting Author: **Kenneth Kurtz**, *Binghamton University*

Keith L Sherman: *Binghamton University*; **Kenneth Kurtz**: *Binghamton University*

P3-B-927: *Bar Tip Limit Error and Characteristics of Drawn Data Distributions on Bar Graphs*

Presenting Author: **Lucy Cui**, *Rensselaer Polytechnic Institute*

Lucy Cui: *Rensselaer Polytechnic Institute*; **Ching-Yi Wang**: *Academic*; **Yiwei Wang**: *University of California, Los Angeles*; **Peike Li**: *University of California, Los Angeles*; **Medha Kini**: *University of California, Los Angeles*; **Zili Liu**: *UCLA*

P3-B-928: *(In)Accuracy of Human-Generated Correlations in A Scatterplot Drawing Task*

Presenting Author: **Lucy Cui**, *UCLA*

Lucy Cui: *UCLA*; **Ching-Yi Wang**: *Academic*; **Yiwei Wang**: *University of California, Los Angeles*; **Peike Li**: *University of California, Los Angeles*; **Medha Kini**: *University of California, Los Angeles*; **Zili Liu**: *UCLA*

VIRTUAL POSTERS:

VP-B-1: *Analogical Reasoning During Hypothesis Generation: The Role of Surface Competition During Access and Transfer*

Presenting Author: **Sabina V. León**, *Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT)*

Sabina Leon: *Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT)*; **Leandro E. Rivas**: *University of Comahue*; **Maximo Trench**: *University of Comahue*

VP-B-4: *How wise is the crowd: Can we infer people are accurate and competent merely because they agree with each other?*

Presenting Author: **Jan Pfänder**, *Institut Jean Nicod, ENS-PSL, CNRS*

Jan Pfänder: *Institut Jean Nicod, ENS-PSL, CNRS*; **Benoît de Courson**: *Max Planck Institute for the Study of Crime, Security and Law*; **Hugo Mercier**: *CNRS*

VP-E-6: *Navigating Brain Language Representations: A Comparative Analysis of Neural Language Models and Psychologically Plausible Models*

Presenting Author: **Yunhao Zhang**, *State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, CAS, Beijing, China.*

Yunhao Zhang: *State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, CAS, Beijing, China.*; **Shaonan Wang**: *State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, CAS, Beijing, China*

VP-E-7: *Minimal Modeling for Cognitive Ecologists: Measuring Decision-Making Trade-Offs in Ecological Tasks*

Presenting Author: **Eden Forbes**, *Indiana University*
Eden Forbes: *Indiana University*; **Randall Beer**: *Indiana University*

VP-E-8: *InfCTI-ImpCTI: Inferring and Implementing Clinicians' Treatment Intentions*

Presenting Author: **Jinsheng Shi**, *Beijing University of Posts and Telecommunications*

Jinsheng Shi: *Beijing University of Posts and Telecommunications*; **Yuyu Yuan**: *Beijing University of Posts and Telecommunications*; **Yuang Cai**: *Beijing University of Posts and Telecommunications*; **Rui Han**: *Beijing University of Posts and Telecommunications; Zh*

VP-E-9: *Decision-Making Paradoxes in Humans vs Machines: The case of the Allais and Ellsberg Paradoxes*

Presenting Author: **Ardavan S. Nobandegani**, *McGill University*
Ardavan S. Nobandegani: *McGill University*; **Irina Rish**: *Mila - Quebec AI Institute*; **Thomas Shultz**: *McGill University*

VP-E-10: *Human-Like Moral Decisions by Reinforcement Learning Agents*

Presenting Author: **Ali Shiravand**, *École Normale Supérieure - PSL*
Ali Shiravand: *École Normale Supérieure - PSL*; **Jean-Baptiste André**: *École Normale Supérieure - PSL*

VP-E-11: *How Well Do Deep Learning Models Capture Human Concepts? The Case of the Typicality Effect*

Presenting Author: **Siddhartha Vemuri**, *Georgia Institute of Technology*

Siddhartha Vemuri: *Georgia Institute of Technology*; **Raj Sanjay Shah**: *Georgia Institute of Technology*; **Sashank Varma**: *Georgia Tech*

VP-E-12: *Compositional learning of functions in humans and machines*

Presenting Author: **Yanli Zhou**, *New York University*
Yanli Zhou: *New York University*; **Brenden Lake**: *NYU*; **Adina Williams**: *Meta Platforms Inc.*

VP-E-13: *Two-Stream Vision Swin Transformer for Video-based Eye Movement Detection*

Presenting Author: **Ziheng Wang**, *Defense Innovation Institute, Academy of Military Sciences*

Ziheng Wang: *Defense Innovation Institute, Academy of Military Sciences*; **Xiaowei Bai**: *Defense Innovation Institute, Academy of Military Sciences*; **Xiaodong Wang**: *Defense Innovation Institute, Academy of Military Sciences*; **Zhenyu Fang**: *Northwestern Polytech*

VP-E-14: *LLMs Don't "Do Things with Words" but Their Lack of Illocution Can Inform the Study of Human Discourse*

Presenting Author: **Zachary Rosen**, *University of California, Los Angeles*

Zachary P Rosen: *University of California, Los Angeles*; **Rick Dale**: *UCLA*

VP-F-15: *Attentional sustainability of organizer users under fast and slow appearing notifications*

Presenting Author: **Valeriya G. Sklemenova**, *HSE University*
Valeriya Sklemenova: *HSE University*; **Anastasia Anufrieva**: *HSE University*

VP-K-16: *Development of Flexible Role-Taking in Conversations Across Preschool*

Presenting Author: **Abdellah Fourtassi**, *Aix-Marseille University*
Morgane Peirolo: *Aix-Marseille University*; **Zihan Xu**: *Aix-Marseille University*; **Abdellah Fourtassi**: *Aix-Marseille University*

VP-K-17: *Understanding Infinity: Neural Network Models of Becoming a "Cardinal Principle Knower"*

Presenting Author: **Sashank Varma**, *Georgia Institute of Technology*
Vima Gupta: *Georgia Institute of Technology*; **Sashank Varma**: *Georgia Tech*

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VP-K-18: *Dual Weighted Graph Convolutional Network for POI Recommendation*

Presenting Author: **Junhui Deng**, *Zhejiang University of Technology*

Zhi Liu: *Zhejiang University of Technology;* **Deju Zhang**: *College of Computer Science and Technology, Zhejiang University of Technology;* **Junhui Deng**: *College of Computer Science and Technology;* **Guojiang Shen**: *Zhejiang University of Technology;* **Xiangjie Kong**

VP-K-19: *Dual Contrastive Learning for Next POI Recommendation with Long and Short-Term Trajectory Modeling*

Presenting Author: **Junhui Deng**, *Zhejiang University of Technology*

Zhi Liu: *Zhejiang University of Technology;* **Junhui Deng**: *College of Computer Science and Technology;* **Deju Zhang**: *College of Computer Science and Technology, Zhejiang University of Technology;* **zhiyu chen**: *Computer Science and Technology;* **Guojiang Shen**: *Zhe*

VP-K-20: *PersonalityScanner: Exploring the Validity of Personality Assessment Based on Multimodal Signals in Virtual Reality*

Presenting Author: **Xintong Zhang**, *Beijing Key Lab of Traffic Data Analysis and Mining, Beijing Jiaotong University*

Xintong Zhang: *Beijing Key Lab of Traffic Data Analysis and Mining, Beijing Jiaotong University;* **Di Lu**: *Peking University;* **Huiqi Hu**: *Beijing Key Lab of Traffic Data Analysis and Mining, Beijing Jiaotong University;* **Nan Jiang**: *Peking University;* **Xianhao Yu**

VP-L-21: *Wait before you leap: Influence of instruction sequence on Visual search task*

Presenting Author: **Bhavi Bajaj CNCS**: *University of Hyderabad*
Bhavi Bajaj CNCS: *University of Hyderabad*

VP-L-22: *Cross-Subject Emotion Classification based on Dual-Attention Mechanism and Meta-Transfer Learning*

Presenting Author: **Qian Zhang**, *Xidian university*

Qian Zhang: *Xidian university;* **Liying Yang**: *XiDian University;* **gang cao**: *XiDian University;* **qiang wang**: *Xidian University*

VP-L-23: *Accounting for Action: Challenging the Traditional View of Multimodal Perceptual Objects*

Presenting Author: **Spencer Ivy & Aleksandra Mroczko-Wasowicz (online)**, *University of Warsaw*

Aleksandra Mroczko-Wasowicz: *University of Warsaw;* **Spencer Ivy**: *University of Warsaw;* **Michał Bachanek**: *University of Warsaw;* **Aleksandra Cząstkiewicz**: *Maria Curie-Skłodowska University*

VP-L-24: *An EEG-based depressive detection network with adaptive feature learning and channel activation*

Presenting Author: **Chenyang Xu**, *Tianjin University*

Chenyang Xu: *Tianjin University;* **Feiyi Fan**: *Institute of Computing Technology, Chinese Academy of Sciences;* **Jianfei Shen**: *Institute of Computing Technology, Chinese Academy of Sciences;* **Hanguang Wang**: *Tianjin University;* **Zhongyi Zhang**: *Tianjin University;*

VP-P-25: *Quicker, extremer: a computational modeling of reaction time and rating in social evaluation of faces*

Presenting Author: **Nan Wang**, *the Chinese University of Hong Kong*

Nan Wang: *the Chinese University of Hong Kong*

VP-P-26: *Detection of Image Filters is Biased by Gender and Internalized Beauty Ideals*

Presenting Author: **Ivonnia M. Flores Bravo**, *National Scientific and Technological Council of Argentina*

Ivonnia M Flores Bravo: *National Scientific and Technological Council of Argentina;* **Trinidad Belén Speranza**: *Centro de Investigaciones en Psicología y Psicopedagogía. National Scientific Research and Technology Council;* **Gaston Saux**: *Centro de Investigacio*

VP-P-27: *A computational analysis of gender differences in face-based perception of trustworthiness and dominance*

Presenting Author: **Christine H. Lind**, *University of California San Diego*

Christine H Lind: *University of California San Diego;* **Angela J Yu**: *UC San Diego*

VP-Q-28: *Joint Improvisation; Perception of Togetherness in Contemporary Dance Performance*

Presenting Author: **Trinidad B. Esperanza**, *National Scientific and Technical Research Council*

Trinidad Belén Speranza: *National Scientific and Technical Research Council;* **Ivonnia M Flores Bravo**: *Pontificia Universidad Católica Argentina;* **Verónica Ramenzoni**: *National Scientific and Technological Council of Argentina*

VP-S-29: *Peer tutoring vs. solo activities: Effects on learning and emotion*

Presenting Author: **Ronessa Dass**, *Carleton University*

Ronessa Dass: *Carleton University;* **Kaleigh St. Jacques**: *CArleton University;* **Kasia Muldner**: *Carleton University*

VP-S-30: *Advanced Readability Estimation through Educational Content Complexity*

Presenting Author: **Yo Ehara**, *Tokyo Gakugei University*
Yo Ehara: *Tokyo Gakugei University*

VP-S-31: *ChatGPT and the Illusion of Explanatory Depth*

Presenting Author: **Yomn Elsayed**, *Erasmus University Rotterdam*

Yomn Elsayed: *Erasmus University Rotterdam*; **Steven Verheyen**: *Erasmus University Rotterdam*

VP-S-32: *Bridging (and Elaborating on) the Achievement Gap*

Presenting Author: **Daniel P. Feller**, *University of Memphis*

Daniel P. Feller: *University of Memphis*; **Ann Cale Kruger**: *Georgia State University*; **Joe P Magliano Magliano**: *Georgia State University.*

VP-U-33: *Violations of Moral Standards versus Emotional Reactions: How is Outrage Generated?*

Presenting Author: **Amelia Jessop**, *Brown University*

Amelia Day Jessop: *Brown University* ; **Hyoseok Kim**: *Southern Connecticut State University*; **Steven Sloman**: *Brown University*

VP-U-34: *Inversion Effect of Emotional Bodies in Social Situations*

Presenting Author: **Gyopárka Barbara Lázár**, *Institute of Psychology*

Gyopárka Barbara Lázár: *Institute of Psychology*; **Beatrix Lábadi**: *Institute of Psychology University of Pécs*

VP-U-35: *Exogenous Self-Blame Modulates Charitable Giving*

Presenting Author: **Lucila Arroyo**, *University of California, Irvine*

Lucila Arroyo: *University of California, Irvine*; **Mimi Liljeholm**: *University of California, Irvine*

VP-Z-36: *Visual working memory, attentional sustainability and shifting in digital versus non-digital environment: the role of perceptual feedback*

Presenting Author: **Anastasia Anufrieva**, *HSE University*

Anastasia Anufrieva: *HSE University*

VP-CC-37: *"Three yellow stars and three red hearts: Can subset-knowers learn number word meanings from multiple examplars?*

Presenting Author: **Pierina Cheung**, *Loughborough University*

Theresa Elise Wege: *Loughborough University*; **Rebecca Merkley**: *Carleton University*; **Sara Jasim**: *York University*; **Daniel Ansari**: *Western University*; **Pierina Cheung**: *Nanyang Technological University*

VP-CC-38: *Examining the robustness and generalizability of the shape bias: a meta-analysis*

Presenting Author: **Samah O Abdelrahim**, *Stanford University*

Samah O Abdelrahim: *Stanford University*; **Michael C. Frank**: *Stanford University*

VP-CC-39: *Native and Non-Native Speakers' Cue Integration in the Processing of the English As-Predicate Construction*

Presenting Author: **Ivana Domazetoska**, *University of Melbourne*

Ivana Domazetoska: *University of Melbourne*; **Helen Zhao**: *University of Melbourne*

P-CC-40: *A preregistered investigation of language-specific distributional learning advantages in English-Mandarin bilingual adults*

Presenting Author: **Hannah L. Goh**, *Nanyang Technological University*

Hannah L. Goh: *Nanyang Technological University*; **Suzy J. Styles**: *Nanyang Technological University*

VP-CC-41: *Comparing online and post-processing pronunciation correction during orthographic incidental learning: A computational study with the BRAID-Acq model*

Presenting Author: **Steinhilber Alexandra**, *Laboratoire de Psychologie et NeuroCognition*

Alexandra Steinhilber: *Laboratoire de Psychologie et NeuroCognition*; **Sylviane Valdois**: *CNRS et Université Grenoble Alpes*; **Julien Diard**: *CNRS - Université Grenoble Alpes*

VP-CC-42: *Inner reading voice styles and eye movements during audio-assisted reading*

Presenting Author: **Yefei Liang**, *Hiroshima University*

Yefei Liang: *Hiroshima University*; **Takumi Arima**: *Hiroshima University*; **Aiko Morita**: *Hiroshima University*

VP-CC-43: *Bi-Branch Meta-Learning for Few-Shot Word Sense Disambiguation*

Presenting Author: **Qingying Chen**, *Tianjin University*

Qingying Chen: *Tianjin University*; **Jing Zhang**: *Tianjin University*; **Peng Zhang**: *Tianjin University*; **Hui Gao**: *Tianjin University*

VP-CC-44: *Two Negatives Make a Positive: Reducing Referential Uncertainty through Negation and Order Reversal Eases Processing in Counterfactuals*

Presenting Author: **Ebru Evcen**, *University of California San Diego*

Ebru Evcen: *University of California San Diego*; **Eva Wittenberg**: *Central European University*

VP-CC-45: *Real-time processing of symmetrical predicates: Semantic categorization over time*

Presenting Author: **Ugurcan Vurgun**, *University of Pennsylvania*

Ugurcan Vurgun: *University of Pennsylvania*; **Heesu Yun**: *University of Pennsylvania*; **Barbara Landau**: *Johns Hopkins University*; **John Trueswell**: *University of Pennsylvania*

VP-CC-46: *Encoding discourse structure information during language comprehension: Evidence from web-based visual world paradigm experiments*

Presenting Author: **Sanghee J. Kim**, *University of Chicago*

Sanghee J. Kim: *University of Chicago*; **Ming Xiang**: *University of Chicago*

VP-CC-47: *Breadth of the Stars: Exploring Adjectival Breadth in Online Reviews*

Presenting Author: **Lin L. Lin**, *University of California, Los Angeles*
Lin Lin: *University of California, Los Angeles*; **Rick Dale**: *University of California, Los Angeles (UCLA)*; **Steve Stroessner**: *University of California, Los Angeles (UCLA)*

VP-CC-48: *An information-theoretic model of shallow and deep language comprehension*

Presenting Author: **Jiaxuan Li**, *University of California Irvine*
Jiaxuan Li: *University of California Irvine*; **Richard Futrell**: *UC Irvine*

VP-CC-49: *Beyond Noise: The Role of Speaker Variability on Statistical Learning*

Presenting Author: **Larissa Melville**, *University of British Columbia*
Larissa Melville: *University of British Columbia*; **Alexis K. Black**: *The University of British Columbia*

VP-CC-50: *A hierarchical Bayesian model for syntactic priming*

Presenting Author: **Weijie Xu**, *University of California, Irvine*
Weijie Xu: *University of California, Irvine*; **Richard Futrell**: *UC Irvine*

VP-CC-51: *Improving the Readability of Scientific Concept Analogies with Cognitive Conflict Reinforcement Learning*

Presenting Author: **Yuang Cai**, *Beijing University of Posts and Telecommunications*
Yuang Cai: *Beijing University of Posts and Telecommunications*; **Yuyu Yuan**: *Beijing University of Posts and Telecommunications*; **Jinsheng Shi**: *Beijing University of Posts and Telecommunications*; **Rui Han**: *Beijing University of Posts and Telecommunications*; *Zh*

VP-CC-52: *Incremental Comprehension of Garden-Path Sentences by Large Language Models: Semantic Interpretation, Syntactic Re-Analysis, and Attention*

Presenting Author: **Andres Li**, *Georgia Institute of Technology*
Andrew Li: *Georgia Institute of Technology*; **Xianle Feng**: *Georgia Institute of Technology*; **Siddhant Narang**: *Georgia Institute of Technology*; **Austin Peng**: *Georgia Institute of Technology*; **Tianle Cai**: *Georgia Institute of Technology*; **Raj Sanjay Shah**: *Georgia*

VP-CC-53: *Large Language Models for Collective Problem-Solving: Insights into Group Consensus Decision-Making*

Presenting Author: **Yinuo Du**, *Software and Societal Systems Department*
Yinuo Du: *Software and Societal Systems Department*; **Prashanth Rajivan**: *University of Washington*; **Cleotilde Gonzalez**: *Carnegie Mellon University*

VP-CC-54: *Self-Hint Prompting Improves Zero-shot Reasoning in Large Language Models via Reflective Cycle*

Presenting Author: **Jindou Chen**, *Shanghai Jiao Tong University*
Jindou Chen: *Shanghai Jiao Tong University*; **Jidong Tian**: *Shanghai Jiao Tong University*; **Yaohui Jin**: *Artificial Intelligence Institute*

VP-CC-55: *MentalBlend: Enhancing Online Mental Health Support through the Integration of LLMs with Psychological Counseling Theories*

Presenting Author: **Ziyin Gu**, *University of Chinese Academy of Sciences*
Ziyin Gu: *University of Chinese Academy of Sciences*; **Qingmeng Zhu**: *University of Chinese Academy of Sciences*

VP-DD-56: *Do People Know More Than Exemplar Models Would Predict?*

Presenting Author: **Joshua C Glass**, *Binghamton University*
Joshua C Glass: *Binghamton University* ; **Kenneth Kurtz**: *Binghamton University*

VP-DD-57: *Procedural and Declarative Category Learning Simultaneously Contribute to Downstream Processes*

Presenting Author: **Priya Kalra**, *University of Western Ontario*
Priya B. Kalra: *University of Western Ontario*; **Laura Batterink**: *University of Western Ontario*; **John Paul Minda**: *University of Western Ontario*

VP-DD-58: *Random Replaying Consolidated Knowledge in the Continual Learning Model*

Presenting Author: **Guanglu Wang**, *Dalian University of Technology*
Guanglu Wang: *Dalian University of Technology*; **Xinyue Liu**: *Dalian University of Technology*; **Wenxin Liang**: *Dalian University of Technology*; **Linlin Zong**: *Dalian University of Technology*; **XianChao Zhang**: *Dalian University of Technology*

VP-DD-59: *Exploring Cognitive Diversity and Dynamics for Effective Language Memory Retention*

Presenting Author: **Gaoyun Lin**, *College of Computer Science and Technology*
Gaoyun Lin: *College of Computer Science and Technology*; **Yahong Hu**: *Zhejiang University of Technology*

VP-EE-60: *Anticipating object shapes using world knowledge and classifier information: Evidence from eve-movements in L1 and L2 processing*

Presenting Author: **Baorui Xu**, *Peking University*
Baorui Xu: *Peking University*; **Shuo Feng**: *Peking University*; **Yipu Wei**: *Peking University*

VP-EE-61: *Processing of Relative Clause Structural Ambiguity by Iranians' Japanese Learners - From the Perspective of the Effect of L1 and the Animacy of the Head Nouns on L2 Sentence Processing -*

Presenting Author: **Faezeh Zare**, *University of the Ryukyus*

Faezeh Zare: *University of the Ryukyus* ; **Hideki Goya**: *University of the Ryukyus*

VP-EE-62: *Both intrinsic and allophonic vowel duration matter in textsetting*

Presenting Author: **Nicole Gilroy**, *Carleton University*

Nicole Gilroy: *Carleton University*; **Lev Blumenfeld**: *Carleton University*; **Ida Toivonen**: *Carleton University*

VP-EE-63: *Surpassing Immediate Spatio-temporal Metaphors: The Enduring Impact of Language and Visuospatial Experience on Temporal Cognition in Native and Near-Native Mandarin Speakers*

Presenting Author: **Chunying Wu**, *Peking University*

Chunying Wu: *Peking University*; **Lingyue Kong**: *Peking university*; **Xiao Ke**: *Lancaster University*

VP-EE-64: *The Role of Syntactic and Referential Evidence in Verb Learning across Exposures*

Presenting Author: **Yiran Chen**, *University of Wisconsin - Madison*

Yiran Chen: *University of Wisconsin - Madison*; **Alexander S LaTourrette**: *Haverford College*; **John Trueswell**: *University of Pennsylvania*

VP-OO-65: *Viewpoint as metacognitive strategy in musical improvisation and multimodal meta-discourse*

Presenting Author: **Henrique Tavares Dias Perissinotto**, *Federal University of Juiz de Fora*

Henrique Tavares Dias Perissinotto: *Federal University of Juiz de Fora*; **Irene Mittelberg**: *RWTH Aachen University*; **Joao Queiroz**: *Institute of Arts, Federal University of Juiz de Fora*

VP-OO-66: *The Power of Linguistic Similarity for Unlocking Cooperation - Evidence from Syntax and Pitch Experiments*

Presenting Author: **Theresa Matzinger**, *University of Vienna*

Theresa Matzinger: *University of Vienna*; **Irene Böhm**: *University of Vienna*

VP-OO-67: *Novel Word Learning in Multilingual Children with and without Autism Spectrum Disorder: Roles of Social Cognition, Multilingualism and Vocabulary Proficiency*

Presenting Author: **Jinghong NING**, *PolyU*

Jinghong NING: *PolyU*; **Anqi Hu**: *University of Delaware*; **Zhenghan Qi**: *Northeastern University*; **Li Sheng**: *PolyU*

VP-LL-68: *Generic Language as a Vehicle for Socially-Contingent Generalizations*

Presenting Author: **Alejandro Curiel**, *California State University East Bay*

Alejandro Curiel: *California State University East Bay*; **Danisha Watson**: *California State University East Bay*; **Virginia Valerio-Lambert**: *California State University East Bay*; **Justin Miranda**: *California State University East Bay*; **Jocelyn Celaya**: *California*

VP-EE-69: *Productivity and Creative Use of Compounds in Reduced Registers: Implications for Grammar Architecture*

Presenting Author: **Anastasia Smirnova**, *San Francisco State University*

Anastasia Smirnova: *San Francisco State University*

VP-E-70: *Incorporating a cognitive model for evidence accumulation into deep reinforcement learning agents*

Presenting Author: **James Mochizuki-Freeman**, *Indiana University*

James Mochizuki-Freeman: *Indiana University*; **Md Rysul Kabir**: *Indiana University*; **Zoran Tiganj**: *Indiana University*

VP-LL-71: *Unrealized promise of joint modeling of choice and reaction time in improving representation learning*

Presenting Author: **Russell Richie**, *University of Pennsylvania*

Russell Richie: *University of Pennsylvania*; **Nehal Ajmal**: *Vassar College*; **Martin N Hebart**: *Max Planck Institute for Human Cognitive and Brain Sciences*

VP-EE-72: *Revisiting the effects of interword spacing and root frequency in Arabic visual processing*

Presenting Author: **Fatima Boush**, *United Arab Emirates University*

Tommi Leung: *United Arab Emirates University*; **Fatima Boush**: *United Arab Emirates University*

VP-L-73: *Temporal Dynamics of Semantic and Form preactivation in Lexical Selection: An EEG Study*

Presenting Author: **Armando Q. Angulo-Chavira**, *UNAM*

Armando Quetzalcóatl Angulo Chavira: *UNAM*; **Alejandra Mitzi Castellón-Flores**: *Universidad Nacional Autónoma de México*; **Elia Haydee Carrasco-Ortíz**: *Universidad Autónoma de Queretaro*; **Natalia Arias-Trejo**: *Universidad Nacional Autónoma de Mexico, UNAM*

VP-LL-74: *Adapting to loss: A normative account of grief*

Presenting Author: **Zack Dulberg**, *Princeton University*

Zack Dulberg: *Princeton University*

VP-LL-75: *Decision-Making Behaviour and Minimal Social Conditions: Economic versus Moral Choices*

Presenting Author: **Pardis Aydin**, *Graduate School of Informatics, Middle East Technical University*

Pardis Aydin: *Graduate School of Informatics, Middle East Technical University*; **Murat Perit Cakir**: *Middle East Technical University*

VP-LL-76: *"Dancing on the ceiling": The role of different forms of thinking on retrospective reevaluation in children*

Presenting Author: **Rebecca Beaton**, *Vanderbilt University*

Rebecca Beaton: *Vanderbilt University* ; **Deon T. Benton**: *Vanderbilt University*

VP-M-77: *ADViRDS: Assessment of Domestic Violence Risk Dataset and Scale on Social Media*

Presenting Author: **Chengwei Tong**, *University of Science and Technology of China*

Chengwei Tong: *University of Science and Technology of China*; **Mengzhuo Guo**: *University of Science and Technology of China*; **Yao Tian**: *University of Science and Technology of China*; **Mengzhu Zhang**: *Anhui Medical University*; **Yangyang Li**: *Academy of Cyber; Chu*

VP-LL-79: *Encoding a Secondary Intention can Increase Aftereffects in Prospective Memory*

Presenting Author: **Ms Snigdha Ayyagari**, *Indian Institute of Technology Guwahati*

Snigdha Ayyagari: *Indian Institute of Technology Guwahati*

VP-L-80: *Modulation of rhythmic brain circuitry alters the pattern of experience-based decision processing*

Presenting Author: **Sadegh Ghaderi**, *Institute of Cognitive and Brain Sciences Cognitive modeling*

sadegh Ghaderi: *Institute of Cognitive and Brain Sciences Cognitive modeling*; **Mohammad Hemami**: *Institute of Cognitive and Brain Sciences*; **Jamal Amani Rad**: *Shahid Beheshti University*; **Reza khosrowabadi**: *Institute of Cognitive and Brain Sciences*

VP-U-80: *Learning and generalizing associations between social cues and outcomes*

Presenting Author: **Martin Zettersten**, *University of Pennsylvania*

Rista C Plate: *University of Pennsylvania*; **Emily R. Perkins**: *University of Pennsylvania*; **Rebecca Waller**: *University of Pennsylvania*; **Martin Zettersten**: *Princeton University*

VP-LL-82: *Investigation of The Generation Effect on Memory and Metamemory Through Semantic and Perceptual Cues*

Presenting Author: **Fatih Yavuz**, *Bilkent University*

Fatih Yavuz: *Bilkent University*; **Miri Besken**: *Bilkent University*

VP-H-83: *What makes a novel spatial metaphor of time?*

Presenting Author: **Emir Akbuga**, *Koç University*

Emir Akbuga: *Koç University*; **Tilbe Göksun**: *Koç University*

VP-LL-84: *Effect of word length on updating working memory contents*

Presenting Author: **Thara Baburaj**, *Indian Institute of Technology, Guwahati*

Thara Baburaj: *Indian Institute of Technology, Guwahati*

VP-LL-85: *Design fiction and Green IT: Impact of foresight scenarios on behavioral intention*

Presenting Author: **Jean-Marc Josset**, *b<>com*

Julie Rochat: *b<>com*; **Martin Ragot**: *b<>com*; **Jean-Marc Josset**: *b<>com*

VP-L-86: *Our sweetest hours fly fastest... on smartphone*

Presenting Author: **Jean-Marc JOSSET**, *Orange Labs*

Jean-Marc Josset: *Orange Labs*; **Erwan Le Quentrec**: *Orange Innovation*; **Virginie van Wassenhove**: *CEA, INSERM*

VP-L-87: *Unveiling the Path to Phonological Anticipation: Insights from Infants' Eye Movements*

Presenting Author: **Alejandra Mitzi Castellón Flores**, *Universidad Nacional Autónoma de México*

Alejandra Mitzi Castellón-Flores: *Universidad Nacional Autónoma de México*; **Armando Q Angulo-Chavira**: *Universidad Nacional Auntónoma de México*; **Natalia Arias-Trejo**: *Universidad Nacional Autónoma de Mexico, UNAM*

VP-EE-88: *Children can use distributional cues to acquire recursive structures*

Presenting Author: **Daoxin Li**, *University of Pennsylvania*

Daoxin Li: *University of Pennsylvania*; **Kathryn Schuler**: *University of Pennsylvania*

VP-LL-89: *Is it a bat or a thing? Referential contrast in the learning of homophones and superordinate terms*

Presenting Author: **Daoxin Li**, *University of Pennsylvania*

Daoxin Li: *University of Pennsylvania*; **Christine Soh Yue**: *University of Pennsylvania*; **John Trueswell**: *University of Pennsylvania*

VP-LL-90: *Predisposed Mood and Music in Perceptual Judgement Task*

Presenting Author: **Manas Kabre**, *International Institute of information technology, Hyderabad*

Manas Kabre: *International Institute of information technology, Hyderabad*; **Priyanka Srivastava**: *International Institute of Information Technology, Hyd*

VP-FF-91: *DELTA: Dynamic Embedding Learning with Truncated Conscious Attention for CTR Prediction*

Presenting Author: **Chen Zhu**, *Tsinghua University*

Chen Zhu: *Tsinghua University*; **Liang Du**: *IEG*; **Hong Chen**: *Tsinghua University*; **Shuang Zhao**: *Tencent*; **Zixun Sun**: *Tencent*; **Xin Wang**: *Tsinghua University*; **Wenwu Zhu**: *Tsinghua University*

VP-CC-92: *Analysing Communicative Intent Coordination in Child-Caregiver Interactions*

Presenting Author: **Abhishek Agrawal**, *Aix-Marseille Université*

Abhishek Agrawal: *Aix-Marseille Université*; **Benoit Favre**: *Aix-Marseille University*; **Abdellah Fourtassi**: *Aix-Marseille University*

VP-GG-93: *Integrative Multimodal Dynamics of Neural and Behavioral Signals: An fNIRS Hyperscanning and Deep Neural Network (DNN) Investigation*

Presenting Author: **Grace Qiyuan Miao**, *University of California, Los Angeles (UCLA)*

Grace Qiyuan Miao: *University of California, Los Angeles (UCLA)*; **Yanru Jiang**: *University of California Los Angeles*; **Ashley Binnquist**: *University of California, Los Angeles*; **Agnieszka Pluta**: *University of Warsaw*; **Francis Steen**: *University of California; Ri*

VP-PP-94: *Temporal Persistence Explains Mice Exploration in a Labyrinth*

Presenting Author: **Umesh Kumar Singla**, *Princeton University*

Umesh K Singla: *Princeton University*; **Marcelo G Mattar**: *New York University*

VP-EE-95: *How categories of intransitive verbs are formed? The interaction between meaning and grammar based on evidence from children's acquisition*

Presenting Author: **Kaiying Lin**, *University of Hawai'i*

Kaiying Lin: *University of Hawai'i*

VP-LL-96: *Does Working Memory Load Influence the Prioritization Effect by Affecting the Consistency of Attention?*

Presenting Author: **Pouria Rahgosha**, *Mississippi State University*

Pouria Rahgosha: *Mississippi State University*; **Jarrod Moss**: *Mississippi State University*

VP-LL-97: *Tuning the speed-accuracy trade-off in optimal decision policies during development*

Presenting Author: **Zeinab Majidifard**, *Shahid Beheshti University*

Zeinab Majidifard: *Shahid Beheshti University*; **Jamal Amani Rad**: *Shahid Beheshti University*

VP-Q-98: *Risky Decisions from Personal and Observed Experience*

Presenting Author: **Alina Gutoreva**, *Kazakh-British Technical University*

Alina Gutoreva: *Kazakh-British Technical University*; **Elliot Andrew Ludvig**: *University of Warwick*

VP-LL-99: *A Federated Graph Learning Framework for Brain Connectome*

Presenting Author: **Chaomeng Chen**, *Beijing University of Posts and Telecommunications*

chaomeng chen: *Beijing University of Posts and Telecommunications*; **sen su**: *Beijing University of Posts and Telecommunications*

VP-E-100: *Dynamic Graph Convolution Based on Functional Neuroimaging Priors for EEG Mental Fatigue Recognition on Cross-subject*

Presenting Author: **Man Jiang**, *South China University of Technology*

Man Jiang: *South China University of Technology*; **Jianxiu Jin**: *South China University of Technology*; **Xubin Huang**: *Guangdong Telecom Planning and Design Institute Co., Ltd*; **Zirui Xiang**: *South China University of Technology*; **LIN SHU**: *South China University o*

VP-LL-101: *Exploring the Gratton and Proportion Congruency Effects in a Parity/Magnitude Task-Switching Paradigm: Implications for the Conflict-Driven Control Model*

Presenting Author: **Kaan Berk Taç**, *TOBB University of Economics and Technology*

Kadriye Rüveyda Öztürk: *TOBB University of Economics and Technology*; **Kaan Berk Taç**: *TOBB University of Economics and Technology*; **Nart Bedin Atalay**: *TOBB University of Economics and Technology*

VP-LL-102: *The effectiveness of virtual vs. human influencers in digital marketing: Based on perceived psychological distance and credibility*

Presenting Author: **Rongqin Liu**, *Southwestern University of Finance and Economics*

Rongqin Liu: *Southwestern University of Finance and Economics*; **Yun Zhang**: *Southwestern University of Finance and Economics*; **Ling Lin**: *Southwestern University of Finance and Economics*

VP-LL-103: *Investigating the Influence of Disfluencies and Gestures in Assessing Others' Knowledge: A Feelings of Another's Knowing (FOAK) Study*

Presenting Author: **Can Avcı**, *Koç University*

Can Avcı: *Koç University*; **Terry Eskenazi**: *Koc University*; **Tilbe Göksun**: *Koç University*

VP-LL-104: *Beyond Mediator Retrievals: Charting the Path by Which Errors Lead to Better Memory Consolidation*

Presenting Author: **Bridget Leonard**, *University of Washington*

Bridget Leonard: *University of Washington*; **holly hake**: *University of Washington*; **Andrea Stocco**: *University of Washington*

VP-LL-105: *The Role of Hand Gestures on Emotional Intensity and Phenomenological Ratings of Autobiographical Narratives*

Presenting Author: **İbrahim Akkan**, *Koç University*

ibrahim akkan: *Koç University*; **Cagla Aydin**: *Sabanci University*; **Sami Gulgoz**: *Koc University*; **Tilbe Göksun**: *Koç University*

VP-LL-106: *A Comparison of two memory models of attitude retrieval*

Presenting Author: **Mark Orr**, *Institute for Human and Machine Cognition*

Mark G. Orr: *Institute for Human and Machine Cognition*; **Christian Lebiere**: *Carnegie Mellong University*; **Peter Pirolli**: *Institute for human and machine cognition*; **Don Morrison**: *Carnegie Mellon University*

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