

26 – 29 July 2023
Sydney, Australia

Program for the 44th Annual Meeting of the Cognitive Science Society



COGNITION
IN COGSCI2023
CONTEXT 26-29.7
SYDNEY

Organizers:

Micah Goldwater, *University of Sydney, Australia*
Florence Anggoro, *College of the Holy Cross, USA*
Brett Hayes, *UNSW-Sydney, Australia*
Desmond Ong, *University of Texas – Austin*

bit.ly/44Ajvz3

#CogSci2023

PROGRAM AT A GLANCE

WEDNESDAY, JULY 26 2023

SYDNEY	PARIS	TORONTO	Wednesday, July 26					
7:30 AM	11:30 PM	5:30 PM	Meeting Room Location					
7:45 AM	11:45 PM	5:45 PM						
8:00 AM	12:00 AM	6:00 PM	C2.1	C2.2	C2.3	C2.4	C2.5	C2.6
8:15 AM	12:15 AM	6:15 PM	Workshop 1: How does the mind discover useful abstractions?		Workshop 3: Advancing cognitive science and AI with cognitive-AI benchmarking	Workshop 4: Towards broader adoption of massive online experiments		Workshop 6: Video games as a path to a contextualized cognitive science, or how to play 20 questions with nature and win
8:30 AM	12:30 AM	6:30 PM						
8:45 AM	12:45 AM	6:45 PM						
9:00 AM	1:00 AM	7:00 PM						
9:15 AM	1:15 AM	7:15 PM						
9:30 AM	1:30 AM	7:30 PM						
9:45 AM	1:45 AM	7:45 PM	Coffee in C2 Foyer (10:00 - 10:30)					
10:00 AM	2:00 AM	8:00 PM	Workshop 1 ctd.		Workshop 3 ctd.	Workshop 4 ctd.		Workshop 6 ctd.
10:15 AM	2:15 AM	8:15 PM						
10:30 AM	2:30 AM	8:30 PM						
10:45 AM	2:45 AM	8:45 PM						
11:00 AM	3:00 AM	9:00 PM						
11:15 AM	3:15 AM	9:15 PM						
11:30 AM	3:30 AM	9:30 PM	Lunch on Own (12:00-13:00)	Workshop 2: Putting interaction center-stage for the study of knowledge structures and processes			Lunch on Own (12:00-13:00)	
11:45 AM	3:45 AM	9:45 PM						
12:00 PM	4:00 AM	10:00 PM						
12:15 PM	4:15 AM	10:15 PM						
12:30 PM	4:30 AM	10:30 PM						
12:45 PM	4:45 AM	10:45 PM	Workshop 1 ctd.		Workshop 3 ctd.	Workshop 4 ctd.	Workshop 5: Large language models meet cognitive science	Workshop 6 ctd.
1:00 PM	5:00 AM	11:00 PM						
1:15 PM	5:15 AM	11:15 PM						
1:30 PM	5:30 AM	11:30 PM						
1:45 PM	5:45 AM	11:45 PM						
2:00 PM	6:00 AM	12:00 AM						
2:15 PM	6:15 AM	12:15 AM	Workshop 1 ctd.		Workshop 3 ctd.	Workshop 4 ctd.		Workshop 6 ctd.
2:30 PM	6:30 AM	12:30 AM						
2:45 PM	6:45 AM	12:45 AM						
3:00 PM	7:00 AM	1:00 AM						
3:15 PM	7:15 AM	1:15 AM						
3:30 PM	7:30 AM	1:30 AM	Workshop 1 ctd.	Workshop 2 ctd.	Workshop 3 ctd.	Workshop 4 ctd.	Workshop 5 ctd.	Workshop 6 ctd.
3:45 PM	7:45 AM	1:45 AM						
4:00 PM	8:00 AM	2:00 AM						
4:15 PM	8:15 AM	2:15 AM						
4:30 PM	8:30 AM	2:30 AM						
4:45 PM	8:45 AM	2:45 AM						
5:00 PM	9:00 AM	3:00 AM	Affinity Meeting					
5:15 PM	9:15 AM	3:15 AM						
5:30 PM	9:30 AM	3:30 AM						
5:45 PM	9:45 AM	3:45 AM						

THURSDAY, JULY 27 2023

SYDNEY	PARIS	TORONTO	Thursday, July 27						
7:30 AM	11:30 PM	5:30 PM	Meeting Room Location						
7:45 AM	11:45 PM	5:45 PM	Pymont Theatre	C2.1	C2.2	C2.3	C2.4	C2.5	C2.6
8:00 AM	12:00 AM	6:00 PM	Coffee in Pymont Foyer (08:00 - 08:30)						
8:15 AM	12:15 AM	6:15 PM	Welcome from CSS Chair & Program Chairs						
8:30 AM	12:30 AM	6:30 PM	Keynote: Megan Bang 08:30-10:00 in the Pymont Theatre [Stream]						
8:45 AM	12:45 AM	6:45 PM	Coffee in Pymont Foyer (10:00 - 10:30)						
9:00 AM	1:00 AM	7:00 PM	Gleitman Talk [Stream] + T.01: Representation and Action	S.01: Advances in the Study of Visual and Multisensory Objects	S.04: Spatial Reasoning: The Role of Context in Learning	T.02: Exploration and Information-Seeking 1	T.03: Language Acquisition 1	T.04: Human and artificial intelligence	T.05: Moral Cognition 1
9:15 AM	1:15 AM	7:15 PM							
9:30 AM	1:30 AM	7:30 PM	Lunch on Own (11:50 - 12:45)						
9:45 AM	1:45 AM	7:45 PM	Poster Session 1 in the Pymont Foyer (12:45 - 14:00)						
10:00 AM	2:00 AM	8:00 PM	Coffee and dessert available (13:00 - 14:00)						
10:15 AM	2:15 AM	8:15 PM	Elman Prize Symp: How Language Influences Everyday Thought [Stream]	S.03: Building a consensus about consensus: psychological, computational and philosophical	T.06: Language and AI 1	T.07: Exploration and Information-Seeking 2	T.08: Language Processing 1	T.09: Pragmatics and Communication 1	T.10: Moral Cognition 2
10:30 AM	2:30 AM	8:30 PM							
10:45 AM	2:45 AM	8:45 PM	15 minute comfort break (15:20 - 15:35)						
11:00 AM	3:00 AM	9:00 PM	Rumelhart Prize Keynote Nick Chater 15:35 - 16:35 in the Pymont Theatre [Stream]						
11:15 AM	3:15 AM	9:15 PM	Transition to venue (16:35 - 16:50)						
11:30 AM	3:30 AM	9:30 PM	Rumelhart Reception [Stream] 16:50 - 17:50 at Adria Restaurant						
11:45 AM	3:45 AM	9:45 PM							
12:00 PM	4:00 AM	10:00 PM							
12:15 PM	4:15 AM	10:15 PM							
12:30 PM	4:30 AM	10:30 PM							
12:45 PM	4:45 AM	10:45 PM							
1:00 PM	5:00 AM	11:00 PM							
1:15 PM	5:15 AM	11:15 PM							
1:30 PM	5:30 AM	11:30 PM							
1:45 PM	5:45 AM	11:45 PM							
2:00 PM	6:00 AM	12:00 AM							
2:15 PM	6:15 AM	12:15 AM							
2:30 PM	6:30 AM	12:30 AM							
2:45 PM	6:45 AM	12:45 AM							
3:00 PM	7:00 AM	1:00 AM							
3:15 PM	7:15 AM	1:15 AM							
3:30 PM	7:30 AM	1:30 AM							
3:45 PM	7:45 AM	1:45 AM							
4:00 PM	8:00 AM	2:00 AM							
4:15 PM	8:15 AM	2:15 AM							
4:30 PM	8:30 AM	2:30 AM							
4:45 PM	8:45 AM	2:45 AM							
5:00 PM	9:00 AM	3:00 AM							
5:15 PM	9:15 AM	3:15 AM							
5:30 PM	9:30 AM	3:30 AM							
5:45 PM	9:45 AM	3:45 AM							

FRIDAY, JULY 28 2023

SYDNEY	PARIS	TORONTO	Friday, July 28						
7:30 AM	11:30 PM	5:30 PM	Meeting Room Location						
7:45 AM	11:45 PM	5:45 PM	Pymont Theatre	C2.1	C2.2	C2.3	C2.4	C2.5	C2.6
8:00 AM	12:00 AM	6:00 PM	Coffee in Pymont Foyer (08:00 - 08:30)						
8:15 AM	12:15 AM	6:15 PM							
8:30 AM	12:30 AM	6:30 PM	Rumelhart Symp [Stream]	S.02: Space in Context: Communicative factors shape spatial language	T.11: Cognitive Neuroscience	T.12: Embodied and Situated Cognition	T.13: Analogies	T.14: Reaosining and Inference 1	T.15: Social Cognition 1: Computational Modeling
8:45 AM	12:45 AM	6:45 PM							
9:00 AM	1:00 AM	7:00 PM							
9:15 AM	1:15 AM	7:15 PM							
9:30 AM	1:30 AM	7:30 PM							
9:45 AM	1:45 AM	7:45 PM	Coffee in Pymont Foyer (09:50 - 10:20)						
10:00 AM	2:00 AM	8:00 PM	Invited Symp: Indigenous ways of knowing [Stream]	S.05: Music Cognition between Theory and Experiment	T.16: Visual Pereption	T.17: Learning and Decision-Making	T.18: Language and AI 1.5: Analogies & Large Language Models + Cognition and Emotion	T.19: Culture and Language 1	T.20: Causation 1
10:15 AM	2:15 AM	8:15 PM							
10:30 AM	2:30 AM	8:30 PM							
10:45 AM	2:45 AM	8:45 PM							
11:00 AM	3:00 AM	9:00 PM							
11:15 AM	3:15 AM	9:15 PM							
11:30 AM	3:30 AM	9:30 PM							
11:45 AM	3:45 AM	9:45 PM							
12:00 PM	4:00 AM	10:00 PM	Lunch on Own (11:40 - 12:30)						
12:15 PM	4:15 AM	10:15 PM							
12:30 PM	4:30 AM	10:30 PM							
12:45 PM	4:45 AM	10:45 PM							
1:00 PM	5:00 AM	11:00 PM	Poster Session 2 (12:30 - 13:45)						
1:15 PM	5:15 AM	11:15 PM							
1:30 PM	5:30 AM	11:30 PM	Coffee and dessert available (12:45 - 13:45)						
1:45 PM	5:45 AM	11:45 PM							
2:00 PM	6:00 AM	12:00 AM	S.06: Relational Learning: Common Signatures Across Four Different Contexts [Stream]	S.07: Marks and Meanings: New perspectives on the evolution of human symbolic behavior	T.21: Spatial cognition	T.22: Problem Solving	T.23: Concepts and Representation	T.24: Culture and Language 2	T.25: Social Cognition 2: Social Learning and Applications
2:15 PM	6:15 AM	12:15 AM							
2:30 PM	6:30 AM	12:30 AM							
2:45 PM	6:45 AM	12:45 AM							
3:00 PM	7:00 AM	1:00 AM							
3:15 PM	7:15 AM	1:15 AM	15 minute comfort break (15:05 - 15:20)						
3:30 PM	7:30 AM	1:30 AM							
3:45 PM	7:45 AM	1:45 AM	S.08: Harnessing Linguistic Diversity for Theories of Language and Mind [Stream]	S.09: Cognition in Context? What Role should Behavioural and Cognitive Science play in Public Policy	T.26: Memory	T.27: Decision Making 2	T.28: Language Acquisition 2	T.29: Pragmatics and Communication 2	T.30: Causion 2
4:00 PM	8:00 AM	2:00 AM							
4:15 PM	8:15 AM	2:15 AM							
4:30 PM	8:30 AM	2:30 AM							
4:45 PM	8:45 AM	2:45 AM							
5:00 PM	9:00 AM	3:00 AM	20 minute comfort break (16:40 - 17:00)						
5:15 PM	9:15 AM	3:15 AM							
5:30 PM	9:30 AM	3:30 AM	Keynote: Mateja Jamnik [Stream]						
5:45 PM	9:45 AM	3:45 AM	17:00 - 18:00 In the Pymont Theatre						
6:00 PM	10:00 AM	4:00 AM							

SATURDAY, JULY 29 2023

SYDNEY	PARIS	TORONTO	Saturday, July 29						
7:30 AM	11:30 PM	5:30 PM	Meeting Room Location						
7:45 AM	11:45 PM	5:45 PM	Pyrmont Theatre	C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6
8:00 AM	12:00 AM	6:00 PM	Coffee in Pyrmont Foyer (08:00 - 08:30)						
8:15 AM	12:15 AM	6:15 PM	CSS Business Meeting 08:30 - 09:00 in the Pyrmont Theatre						
8:30 AM	12:30 AM	6:30 PM							
8:45 AM	12:45 AM	6:45 PM							
9:00 AM	1:00 AM	7:00 PM							
9:15 AM	1:15 AM	7:15 PM	Keynote: Barbara A. Spellman (Stream)						
9:30 AM	1:30 AM	7:30 PM	09:00 - 10:00 in the Pyrmont Theatre						
9:45 AM	1:45 AM	7:45 PM	Coffee in Pyrmont Foyer (10:00 - 10:30)						
10:00 AM	2:00 AM	8:00 PM							
10:15 AM	2:15 AM	8:15 PM	Glushko Talks (Stream)	S.10: Embodied Cognition in Context	T.31: Human-Computer Interaction	T.3.2: Reasoning and Inference 2	T.3.3: Language Acquisition 3	T.3.4: Language Modeling	T.3.5: Social Cognition 3: Social Learning and Education
10:30 AM	2:30 AM	8:30 PM							
10:45 AM	2:45 AM	8:45 PM							
11:00 AM	3:00 AM	9:00 PM							
11:15 AM	3:15 AM	9:15 PM							
11:30 AM	3:30 AM	9:30 PM							
11:45 AM	3:45 AM	9:45 PM							
12:00 PM	4:00 AM	10:00 PM							
12:15 PM	4:15 AM	10:15 PM							
12:30 PM	4:30 AM	10:30 PM							
12:45 PM	4:45 AM	10:45 PM	Poster Session 3 with Lunch provided (11:50 - 13:50)						
1:00 PM	5:00 AM	11:00 PM	Invited Symp: How should industry influence cognitive science? (Stream)	S.1.1: Methodoligical issues in the cross-disciplinary study of numerical cognition	S.1.2: Mushrooms as 'food for thought': Cognitive science perspectives on fungi	T.3.6: Decision Making 1	T.3.7: Language Processing 2	T.3.8: Syntax and Morphology	T.3.9: Social Cognition 4: Groups and Cooperation
1:15 PM	5:15 AM	11:15 PM							
1:30 PM	5:30 AM	11:30 PM							
1:45 PM	5:45 AM	11:45 PM							
2:00 PM	6:00 AM	12:00 AM							
2:15 PM	6:15 AM	12:15 AM							
2:30 PM	6:30 AM	12:30 AM							
2:45 PM	6:45 AM	12:45 AM							
3:00 PM	7:00 AM	1:00 AM							
3:15 PM	7:15 AM	1:15 AM							
3:30 PM	7:30 AM	1:30 AM	15 minute comfort break (15:10 - 15:25)						
3:45 PM	7:45 AM	1:45 AM	Closing/Thank you 15:25 - 15:45 in the Pyrmont Theatre						
4:00 PM	8:00 AM	2:00 AM	Optional Harbour Cruise Excursion						
4:15 PM	8:15 AM	2:15 AM							
4:30 PM	8:30 AM	2:30 AM							
4:45 PM	8:45 AM	2:45 AM							
5:00 PM	9:00 AM	3:00 AM							
5:15 PM	9:15 AM	3:15 AM							
5:30 PM	9:30 AM	3:30 AM							
5:45 PM	9:45 AM	3:45 AM							
6:00 PM	10:00 AM	4:00 AM							
6:15 PM	10:15 AM	4:15 AM							
6:30 PM	10:30 AM	4:30 AM	Boarding at 16:45 Cruise departs at 17:00 sharp						
6:45 PM	10:45 AM	4:45 AM							
7:00 PM	11:00 AM	5:00 AM							
7:15 PM	11:15 AM	5:15 AM							
7:30 PM	11:30 AM	5:30 AM							
7:45 PM	11:45 AM	5:45 AM							
8:00 PM	12:00 PM	6:00 AM							

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LETTER FROM THE PRESIDENT

Dear Cogsci '23 Attendees,

Welcome to the Cognitive Science Society meeting in Sydney! We wish to acknowledge the Traditional Owners of the land on which we are meeting and pay our respects to Elders past and present.

We are delighted to be holding CSS '23 in Australia, with its large and lively cognitive science community, for the first time. It's wonderful to see so many here in person, whether you traveled from nearby or very far away. I hope you find it fun and helpful to see cognitive scientists you know and meet many more. The Cognitive Science society is pleased to have been able to offer 6x the usual amount in student travel awards, enabling students from around the globe to be here.

The dream-team of co-chairs for this conference, Micah Goldwater, Florencia Anggoro, Brett Hayes and Desmond Ong provided CSS '23 with its theme: Cognitive Science in Context. They deserve credit for the exiting line-up of invited speakers and symposia, and for their oversight of reviews on well over a thousand submissions and nearly as many reviewers, as well as their organization of the conference program itself.

Enjoy the Rumelhart reception on opening day (Thurs), lunch during the poster session on Sat, and possibly the Harbor boat trip on Sat (just a few tickets remain) with us. You might also enjoy whale-watching, wine-tasting, local museums, or walks along the beautiful harbor.

For online attendees, we are pleased to be able to support full streaming from the "big room" all day, every day (or night, depending on your time zone). You'll be able to see all of the invited talks and symposia, the Rumelhart and new Gleitman prize winner's talks and several regular sessions.

Members of our dedicated all-volunteer Cognitive Science Governing Board enlist for six-year terms and work behind the scenes on membership; Code of Conduct; DEI, international, and outreach efforts; sustainability-related issues; prizes and much more. CSS is also responsible for Cognitive Science and TopiCS journals. I want to express my gratitude to the editors, Rick Dale and Andrea Bender, respectively, for donating their stipends each year to DEI and outreach efforts.

CSS '23 would not be possible without the support of Marischal De Armond's team from Podium Conference Specialists—especially Sharon Zwack, Cendrine De Vis, and Sarah-Kate Burke—who handled arrangements large and small, from securing the venue and planning receptions to making sure the Underline app is user friendly. Finally, but by no means least, we are fortunate to have Erica Wojcik as CSS's executive officer to manage the complex dynamic system that is the Cognitive Science Society.

I look forward to meeting old friends and making new ones, so please say hello!



Adele E Goldberg
President (2022-2023)

DEAR COLLEAGUES

Welcome to the 45th Annual Conference of the Cognitive Science Society! We are pleased to be able to offer another hybrid conference this year. It is exciting that the majority of our participants will be attending in person. We are also delighted to connect with many of you remotely.

In addition to showcasing the latest research across cognitive science, this year we are highlighting the theme of Cognition in Context. Our plenary presentations and invited symposia will represent this theme in several ways: by examining cultural ways of knowing, focusing on Indigenous epistemology and cognition from around the globe; by exploring how professional environments can inform basic theories of cognition and demonstrate novel applications of cognitive science; and by examining the interaction between cognitive science and technology in various domains. We are honored to have Megan Bang, Barbara Spellman, and Mateja Jamnik as plenary speakers, as well as two invited symposia, along these subthemes.

This year's program will also include a keynote presentation by Nick Chater, this year's Rumelhart Prize winner, and a special talk by Talia Konkle, the inaugural recipient of the Lila R. Gleitman Prize. We will also have symposia to honor this year's Elman Prize winner, Teenie Matlock, and this year's Glushko prize winners, as well as other symposia representing the latest ideas and findings in cognitive science. Our contributed program is an exciting combination of workshops, presentations, and in-person posters. Similar to last year, spoken sessions will be a mix of in-person and remote speakers, where remote audience members will be able to easily contribute and ask questions. Finally, we urge you to take advantage of our beautiful harbor location, and hope you will join us at the Rumelhart award reception on Thursday and the harbor cruise on Saturday.

We have enjoyed putting together this program and are excited to see the conference come together. Enjoy your time at Cog Sci 2023.

ACKNOWLEDGMENTS

We would like to express our sincere gratitude to everyone who contributed to the planning and organization of Cog Sci 2023. This includes all authors who submitted contributions, and the over 1000 reviewers and meta-reviewers who generously donated their expertise and time to evaluate submissions.

Planning for this conference began in August 2021. At every step of the process, we benefited from the support, guidance, and advice of Erica Wojcik (as Executive Officer), Adele Goldberg (as Chair of the Society), and the Governing Board. We also thank the co-chairs of Cog Sci 2022, Andrew Perfors, Hugh Rabagliati, Veronica Ramenzoni, and Jennifer Culbertson for their helpful suggestions and invaluable lessons learned. The staff at Podium Conferences, particularly Sharon Zwack, Sarah-Kate Burke, and Cendrine De Vis, have done a superb job in handling all of the conference logistics. A special note of thanks goes to David Cserjan who provided tireless and timely advice on managing PCS. Thanks also to Jerrold Shiroma for assistance in the production of the Proceedings. We also thank the many Committee Members who reviewed member abstracts, symposia, and workshops; decided on conference awards; managed volunteers; and sought out sponsors. All of these people are listed in the following pages.

Bringing the Cognitive Science Conference to the southern hemisphere for the first time presented a number of unique challenges. These were met through the contribution of many people and the generous financial support provided by the Society. We are especially grateful to the Society for their expansion of the Student Travel Awards, assisting as many students as possible to attend the 2023 conference in person.

Finally, we would like to acknowledge the generous contributions of the other conference sponsors, including The Robert J. Glushko and Pamela Samuelson Fund, Duolingo, Finding Five, MIT-IBM Watson AI Lab, Toyota Research Institute, Weinberg Institute for Cognitive Science, Google, and the Exhibitors, as well as the New South Wales Government, Business Events Australia, and Business Events Sydney.

We wish everyone an enjoyable and productive conference, and to those attending in person, enjoy your time in Sydney!

Your Program Co-Chairs,

Micah Goldwater, *University of Sydney*

Florencia Anggoro, *College of the Holy Cross*

Brett Hayes, *University of New South Wales*

Desmond Ong, *University of Texas, Austin*

ORGANIZING COMMITTEE

Program	Micah Goldwater Floencia Anggoro Brett Hayes Desmond Ong	Member Abstracts	Benjamin Jee Katherine White Christopher Dancy Jeni Kubota Santiago Alonso Diaz Cynthia Siew
Technical Chair	David Cserjan Sharon Zwack	Symposia	Andrew Perfors Elika Bergelson
Prizes and Awards	Stella Christie Benjamin Rottman Tom Griffiths Hongjing Lu Alex Doumas Andrew Lovett	Tutorials and Workshops	Elizabeth Bonawitz Marisa Casillas John McCoy Iris van Rooij
Diversity & Inclusion Awards	Nora Newcombe Arielle Borovsky	Social Media & Graphics	Marcelo Viridiano
		Sponsorship	Roger Levy Tom Griffiths Brett Hayes
		Volunteer Coordinator	Omid Ghasemi
		Society Conference Committee	Stephanie Denison Dan Grodner Janet Hsiao Anna Papafragou

PROGRAM COMMITTEE

Ercenur Æenal	Elizabeth Bonawitz	Martin Corley	Leonidas A. A. Doumas
Santiago Alonso Diaz	Neil Bramley	Ruth Corps	Catharine Echols
Erik Altmann	Monica Bucciarelli	Garrison Cottrell	Judith Fan
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Floencia Anggoro	Bruce Burns	Jennifer Culbertson	Ken Forbus
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Catherine Mello
John Paul Minda
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Prado Martin
David Noelle
Isabel Orenes
Bozena Pajak
Anna Papafragou
Andrea Patalano
Sturt Patrick
David Peebles
Andrew Perfors
Tadeg Quillien
Marco Ragni
Michael Richardson
Benjamin Rottman
Catherine Sandhofer
Adena Schachner
Ute Schmid
Kathryn Schuler
Gregor Schöner
Amanda Seed

Kevin Shockley
Cynthia Siew
Kenny Smith
Jordan Suchow
Heike Tappe
Josh Tenenbaum
Greg Trafton
Kristian Tylen
Tomer Ullman
M. Afzal Upal
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Iris van Rooij
Dan Ventura
Tessa Verhoef
Markus Werning
Eva Wittenberg
Fei Xu
Sami Yousif
Chen Yu

CONFERENCE CHAIRS



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*University of Sydney,
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Florencia Anggoro,
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USA*

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*.

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COGNITIVE SCIENCE SOCIETY BUSINESS MEETING

The Cognitive Science Society Business Meeting is scheduled for **Saturday, July 29 at 08:30** in the Pyrmont Theatre at the International Convention Centre Sydney (ICCS).

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 1900 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](#).



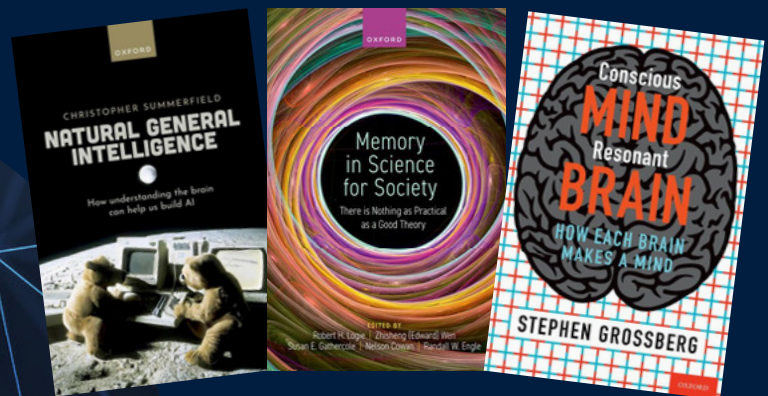
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VIEW THE BOOKLIST



CONFERENCE SERVICES

THE VENUE: ICC SYDNEY

International Conference Centre Sydney (ICCS) is located in the heart of Sydney in the active precinct of Darling Harbour on Cockle Bay with a prime waterfront location. The address is 14 Darling Dr, Sydney, NSW 2000, Australia. Click here for [travel and location FAQs](#).

CogSci 2023 registrations and presentations will take place in the Pyrmont Theatre and C2 Meeting Rooms. Both are located on Level 2 of the Convention Centre. Click here for [venue map](#) (left side & blue area)

Staff attendants/greeters will welcome you on the ground floor and direct you to your CogSci 2023 destination.

REGISTRATION

If you registered online, Pre-Registered Delegate Check-In is located at the Registration Desk near the Pyrmont Theatre on Level 2 of the International Convention Centre Sydney (ICCS).

If you need to register now, you can complete [Onsite Registration](#) or go to the Registration Desk located near the Pyrmont Theatre on Level 2 of the International Convention Centre Sydney (ICCS).

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 2023 website.

REGISTRATION HOURS

Wednesday, July 26	07:30 – 18:00
Thursday, July 27	07:30 – 16:45
Friday, July 28	07:30 – 18:15
Saturday, July 29	07:30 – 16:15

CODE OF CONDUCT

By entering the virtual platform and participating in CogSci 2023 you are agreeing to the CogSci 2023 Code of Conduct. To read the code of conduct, please click [here](#)

TECHNICAL HELP DURING THE VIRTUAL CONFERENCE

If you encounter any technical issues during your virtual experience, please contact the software provider directly, by either visiting the 'Help Desk' while online, or emailing cogsci2023@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 Sydney is 000. In the event of an emergency, dial 000 and notify building Security and/or Event Organizers.

In the event of an emergency, one of two alarms may sound:

- **Alert alarm** – “Beep! Beep! Beep!” This is a warning alarm to notify everyone of a possible emergency. If it sounds, please stand by for further instructions.
- **Evacuation alarm** – “Whoop! Whoop!” This alarm means all occupants must evacuate. When it sounds, wardens will direct everyone to leave via the nearest exits quickly but calmly and assemble at the nearest evacuation point where they are to remain until ICC Sydney staff advise that it is safe to return.

COAT CHECK

The coatcheck is located on the ground floor of the ICCS. There is no charge for checking your coat or bag. Please take note of the coatcheck hours when you check your belongings.

PARENTING ROOM

The Parenting Room is located in Business Suite 1.3; located 1 level up from ground floor and 1 floor below the CogSci event spaces (Pymont Theatre & C2 meeting rooms)

The room will be available during the hours noted below:

Wednesday, July 26	07:30 – 18:00
Thursday, July 27	07:30 – 16:45
Friday, July 28	07:30 – 18:00
Saturday, July 29	07:30 – 16:15

COFFEE BREAKS & LUNCH

Early morning coffee will be available in the Pyrmont Foyer and C2 Meeting Rooms Foyers. Coffee and tea will be provided. (Thursday-Saturday)

Mid-morning coffee break will also be located in the Pyrmont and C2 Meeting Rooms Foyers. Coffee, tea, and a light snack will be provided. (Thursday-Saturday)

Early afternoon coffee break and dessert will be available during the last portion of Poster Session 1 and 2 (Thursday-Friday).

A stand up lunch will be provided on Saturday during Poster Session 3.

Lunch on your own (Thursday and Friday):

Various dynamic food and drink precincts are only a short walk away including, *Darling Quarter* and *Darling Square* which includes restaurants such as *Harry's Cafe de Wheels*, *Pumphouse*, *Starbucks*, *Fishbowl*, *Hello Auntie* and *Pancakes on the Rocks*. External facing restaurants and outlets along ICC Sydney currently include *Planar*, *Guzman Y Gomez*, *Betty's Burgers*, *Harajuku Gyoza Beer Stadium Darling Harbour*, Anderson's Ice Cream and *Fratelli Fresh*.

A dark blue poster for the Psychonomic Society 64th Annual Meeting. At the top, there is a decorative horizontal band with a wavy, multi-colored pattern in shades of purple, yellow, and blue. Below this band, the text 'PSYCHONOMIC SOCIETY' is in white, followed by '64TH ANNUAL MEETING' in large, bold, light blue letters. Underneath that, 'San Francisco, California, USA' and 'November 16-19, 2023' are written in white. The main body of the poster features the text 'Join us for Psychonomics!' in large, bold, white letters. Below this, 'Registration opens on July 10th' is written in light blue. At the bottom, the website 'www.psychonomic.org/2023annualmeeting' is displayed in white.

PSYCHONOMIC SOCIETY
64TH ANNUAL MEETING
San Francisco, California, USA
November 16-19, 2023

Join us for Psychonomics!

Registration opens on July 10th

www.psychonomic.org/2023annualmeeting

ONLINE AND ON-DEMAND PROGRAM ACCESS

The full conference program and virtual access to live streamed content as well as on-demand recorded conference content is available from [Underline](#), login with the email address used for your registration to the 2023 CogSci conference and will be available until July 2025.

CONFERENCE ACCESS

Internet Access

Free wifi/internet: **ICC Sydney Wifi**

No password is required to login. Please follow the prompts on your device to gain access

AFFINITY GROUPS

CogSci 2023 is pleased to announce an Affinity Group session, which is scheduled to take place during the conference as an in-person only session. You can [register online](#) to participate in the following Affinity Group:

Women in Cognitive Science

Thursday, July 27, 17:00 – 18:00 local Sydney time.

This session is free to attend for all CogSci 2023 delegates. Please view the website for further information of the scheduled session.

Q&A SESSIONS

As a modified hybrid event, sessions will be available as follows:

Livestreamed in local Sydney time:

All sessions from the Pyrmont Theatre (Thursday, Friday, and Saturday)

- Q&A will be live at the end of the session alternating questions from onsite and online attendees. Additionally there are text areas for questions in the Underline platform for any on-demand attendees.
- Rumelhart 2024 Prize Announcement

On-demand content:

- All sessions (Thursday-Saturday) are being recorded for later on-demand viewing. The on-demand content is scheduled to be available 24hrs after it has been presented live. This content is available via the Underline platform for those that have registered for the conference.

PROCEEDINGS INFORMATION

The full proceedings are available as a PDF document and in HTML format at: cognitivesciencesociety.org/program/

e-scholarship

The proceedings for past years' conferences are available at: cognitivesciencesociety.org/past-conferences

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). Laptops and tech support are supplied to each room.

Presentations that are part of workshops, tutorials, awards panels or symposia sessions may use different schedules. Please contact the organizer of the given workshop, tutorial, or symposium 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 **Pyrmont** and **C2 Meeting Room Foyers** on level 2 of the ICCS. Presenters may locate their poster boards by checking the middle number of their poster number.

Poster numbers are PX-X-XX-XXXX (or VP for virtual). 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. The final four-digit number is the unique poster/paper ID number.

Poster boards and pushpins will be provided. The recommended poster size is 46"h x 33"w (A0: 1189mm x 841mm). 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 27TH

Set Up: 08:00 – 10:30
Session Time: 12:45 – 14:00
Tear Down: 14:00 – 15:45

POSTER SESSION 2 - FRIDAY, JULY 28TH

Set Up: 08:00 – 10:30
Session Time: 12:30 – 13:45
Tear Down: 13:45 – 15:45

POSTER SESSION 3 - SATURDAY, JULY 29TH

Set Up: 08:00 – 10:30
Session Time: 11:50 – 13:50
Tear Down: 13:50 – 15:25

Virtual Posters 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 Sydney schedule.



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CogSci Keynote Speakers

MEGAN BANG



THURSDAY, JULY 27TH 09:00-10:00

PYRMONT THEATRE

Megan Bang (Ojibwe and Italian descent) is a Professor of the Learning Sciences and Psychology at Northwestern University and recently served as the Senior Vice President at the Spencer Foundation. Dr. Bang studies dynamics of culture, learning, and development broadly with a specific focus on the complexities of navigating multiple meaning systems in creating and implementing more effective and just learning environments in science, technology, engineering, arts, and mathematics education. She focuses on reasoning and decision-making about complex socio-ecological systems in ways that intersect with culture, power, and historicity. Central to this work are dimensions of identity, equity and community engagement. She conducts research in both schools and informal settings across the life course.

MATEJA JAMNIK



FRIDAY, JULY 28TH 17:20-18:20

PYRMONT THEATRE

Mateja Jamnik is Professor of Artificial Intelligence at the University of Cambridge, UK. She is developing AI techniques for human-like computing – she models how people solve problems to enable machines to reason and learn in a similar way to humans. She applies AI and reasoning techniques to medical data to advance personalised cancer medicine, and to education to personalise tutoring systems. Mateja is passionate about bringing science closer to the public and engages frequently with the media and outreach events. She has been advising the UK government on policy direction in relation to the impact of AI on society.

How can we make trustworthy AI?

Abstract: Not too long ago most headlines talked about our fear of AI. Today, AI is ubiquitous, and the conversation has moved on from whether we should use AI to how we can make the AI systems that we use in our daily lives trustworthy. In this talk I look at some key technical ingredients that help us build confidence and trust in using intelligent technology. I argue that intuitiveness, adaptability, explainability and inclusion of human domain knowledge are essential in building this trust. I present some of the techniques and methods we are building for making AI systems that think and interact with humans in more insightful and personalised ways, enabling humans to better understand the solutions produced by machines, and enabling machines to incorporate human domain knowledge in their reasoning and learning processes.

BARBARA A. SPELLMAN



SATURDAY, JULY 29TH 09:00-10:00

PYRMONT THEATRE

Barbara A. Spellman joined the faculty of the UVA Department of Psychology in 1997 and moved to the Law School in 2008. She teaches evidence and various courses on the intersection of psychology and law (e.g., Behavioral Decision Making and Law; Empirical Methods in Law).

Spellman received her law degree from NYU in 1982. In the mid-1980s she practiced tax law at Chadbourne & Parke in New York City and worked as a writer and editor at Matthew Bender Company. She then moved to UCLA and earned a Ph.D. in cognitive psychology. Her psychology research focused on memory, analogical reasoning and causal reasoning. Now she writes about judicial reasoning, forensics and the replication crisis in science.

Cognitive Science and Law: Where We Are(n't)

Abstract: Law and psychology, by their nature, are deeply intertwined. Both are about human thinking and behavior—understanding it, modifying it, regulating it. Research in “Psychology & Law” has a long history, but until recently has been largely limited to clinical assessment (e.g., capacity, insanity) and to police and trial procedures (e.g., eyewitnesses, jury instructions). And for much of that history, courts ruled the research to be irrelevant. However, both the DNA exonerations (beginning in the 1990’s) and the rise of the field of Behavioral Law & Economics have eroded that view and have sparked research projects emanating from Law Schools that have more legal import but less methodological soundness than the traditional Psych/Law canon. With examples from various topics in law such as: eyewitness identification, forensic science, judicial reasoning, contract law, and evidence rules, I hope to illustrate how cognitive scientists could have done better Psych/Law research in the past and can be more law-relevant in the future.

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 Fund. 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 2022 RUMELHART PRIZE HAS BEEN AWARDED TO



Nick Chater, *Professor of Behavioural Science, Behavioural Science Group, WBS, University of Warwick*

Nick Chater is a Professor of Behavioural Science at Warwick Business School, having previously held appointments at the University of Edinburgh, University of Oxford and University College London. He received his undergraduate degree in experimental psychology from the University of Cambridge and his PhD in Cognitive Science from the Centre for Cognitive Science at the University of Edinburgh.

His work covers a wide range of topics, ranging from reasoning and decision-making to perception, the processing, acquisition and evolution of language, and the virtual bargaining theory of social interaction. In each case, he has focused on underlying principles that can be applied across cognitive domains. He has also made significant contributions to the public understanding of science and the application of the cognitive and behavioural sciences to practical problems in public policy and business.

RUMELHART PRIZE PRESENTATION

The Social Contract In Miniature: Virtual Bargaining And The Theory Of Meaning, Morality, And The Foundations Of Culture

with Nick Chater

Thursday, July 27, 15:35 – 16:35, Pyrmont Theatre.

Abstract: How can people coordinate their actions or make joint decisions? One possibility is that each person attempts to predict the actions of the other(s), and best-responds accordingly. But this can lead to bad outcomes, and sometimes even vicious circularity. An alternative view is that each person attempts to work out what the two or more players would agree to do, if they were to bargain explicitly. If the result of such a “virtual” bargain is “obvious,” then the players can simply play their respective roles in that bargain. I suggest that virtual bargaining is essential to genuinely social interaction (rather than viewing other people as instruments), and may even be distinctively human. This approach aims to respect methodological individualism, a key principle in many areas of social science, while explaining how human groups can, in a very real sense, be “greater” than the sum of their individual members. Virtual bargaining helps explain meaning, morality and the collective construction of language and culture.

THE RUMELHART PRIZE RECEPTION AND ANNOUNCEMENT

The Rumelhart Prize Reception and Announcement of the 24th Rumelhart Prize Recipient follows the Prize Presentation on **Thursday, July 27th from 16:50-17:50** at the Adria Restaurant located at The Promenade, Cockle Bay Wharf Darling Harbour, Wheat Rd, Sydney NSW 2000, Australia. The Rumelhart Reception is sponsored by the Robert J. Glushko and Pamela Samuelson Fund.

RUMELHART SYMPOSIUM

Friday, July 28, 08:30 – 09:50, in the Pyrmont Theatre

In honor of Nick Chater, this year’s Rumelhart Award recipient, research related to his work will be presented in this special symposium.

Symposium Chair **Morten Christiansen, Cornell University**

Presenters **Adele Goldberg, Princeton University**

Sydney Levine, Allen Institute for AI

Josh Tenenbaum, MIT

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

In 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 Jeffrey L. Elman Prize is funded by the Robert J. Glushko and Pamela Samuelson Fund.

THE 2022 ELMAN PRIZE HAS BEEN AWARDED TO



Teenie Matlock, *University of California, Merced*

Teenie Matlock received her M.A. in Linguistics at California State University Fresno, and then her Ph.D. in Cognitive Psychology from UC Santa Cruz (2001). She conducted a postdoc at Stanford from 2001-2003. In 2004, Teenie was hired as founding faculty at UC Merced. She currently is a Professor of Cognitive Science and *McClatchy Chair in Communications* at Merced, where she recently completed her role as Vice Provost for Academic Personnel.

ELMAN SYMPOSIUM

Thursday, July 27, 2023, 14:00 – 15:20 in the Pymont Theatre

Symposium chair: **Steve Flusberg**, *SUNY Purchase*

Presenters:

Kevin Holmes, *Reed College*

Tyler Marghetis, *University of California, Merced*

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 2023 GLEITMAN PRIZE HAS BEEN AWARDED TO



Talia Konkle, Harvard University

In the first decade of her career, Konkle has made a range of theoretically important, highly original, and rigorous contributions to cognitive science and cognitive neuroscience in our understanding of how the visual system computes representations of objects. Her work has been characterized as embodying the creativity of an artist, the analytic rigor of a scientist, and the technical skill of an engineer. Konkle has shown deep and active commitment to creating and openly sharing her science and research tools with the vision science community. She is also known as a gifted communicator and a devoted mentor to younger scholars.

A high-fidelity perceptual interface of the visual world

Abstract: The human visual system is a powerful representation learner, extracting the statistics of the input, through a hierarchical neural architecture, in service of representations that support ecological behaviors. Controlled rearing of machine vision models gives us new empirical insights over how the experienced input, architectural connections, and task demands interact to guide representational formats. Leveraging these models and their relationship to human visual system responses, I will offer an account of the ventral visual stream as one which drives to a high-fidelity perceptual format, learned through domain-general learning objectives, whose representational structure is derived directly from the statistics and invariances actively experienced in natural input.

GLEITMAN TALK

Thursday, July 27, 2023, 10:30 –11:10 in the Pyrmont Theatre

Speaker: **Talia Konkle**

THE ROBERT J. GLUSHKO DISSERTATION PRIZES

The Cognitive Science Society and the Robert J. Glushko and Pamela Samuelson Fund 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 Prizes are funded by the Robert J. Glushko and Pamela Samuelson Fund.

The Glushko Dissertation Prize Symposium showcases these 2023 award winners on **Saturday, July 29th 10:30 – 11:50** in the Pyrmont Theatre

Symposium chair: **Charles Kemp**

2023 WINNERS

Valentina Bruno – 2021 PhD thesis “*Motor awareness: From pathological models to normal functioning*” from *University of Turin*

Frederick Callaway – 2022 PhD thesis “*Cognition as a sequential decision problem*” from *Princeton University*

Samuel Cheyette – 2021 PhD thesis “*Making sense of number, bit-by-bit*” from *University of California, Berkeley*

Erin Isbilen – 2021 PhD thesis “*Statistical learning as chunking: Domain-general computations in language acquisition*” from *Cornell University*

Mathias Sablé-Meyer – 2022 PhD thesis “*Human cognition of geometric shapes, a window into the mental representation of abstract concepts*” from *Université PSL, prepared at Collège de France*

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.

2023 WINNER

Kartik Chandra, MIT

Acting as Inverse Inverse Planning

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.

2023 WINNERS

APPLIED COGNITION

Holly Hake, *University of Washington*

Breaking New Ground in Computational Psychiatry: Characterizing Forgetting in Healthy Aging and Mild Cognitive Impairment

HIGHER-LEVEL COGNITION

Samuel Cheyette, *MIT*

Limits on information-processing governs active learning in humans

LANGUAGE

Richard Futrell, *UC Irvine*

An information-theoretic account of availability effects in language production

PERCEPTION & ACTION

Linxing Preston Jiang, *University of Washington*

Dynamic Predictive Coding Explains Both Prediction and Postdiction in Visual Motion Perception

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.

2023 WINNER

Yikai Tang, *University of Toronto*

Unequal Norms Emerge Under Coordination Uncertainty in Multi-Agent Deep Reinforcement 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

Mohammad Arvan

Linguistic Cognitive Load Analysis on Dialogues with an Intelligent Virtual Assistant

Yuzhen Dong

The Development in Emotional Content of Children's Writing: Are Children Getting Less Happy?

Eliza Kosoy

Towards Understanding How Machines Can Learn Causal Overhypotheses

Khuyen N. Le

Re-examining cross-cultural similarity judgments using language statistics

Ege Otenen

Exploring the Role of Visual Imagery in the Recall of Emotional Autobiographical Memories

Sidharth Ranjan

A bounded rationality account of dependency length minimization in Hindi

Nishad Singhi

Toward a normative theory of (self-)management by goal-setting

Olivia Soesanto

Social connection on the dance floor: Movement coordination in small group silent disco leads to greater self-other overlap

Yasmine Tachakourt

The influence of multilingualism on cross-situational statistical word learning and mutual exclusivity

Anjoom Alikkam Veetil

Handedness Modulates Spatial Attention – Insights From Individual Variations In Lateralization Of Cognitive Functions

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.

2023 WINNER

Matthew Adam Turner

Minority-group incubators and majority-group reservoirs for promoting the diffusion of climate change and public health adaptations

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.

2023 PAPER WINNER

Bridget A Kelly

Visual perception principles in constellation creation in individuals

2023 SYMPOSIA WINNER

Ilyse Resnick

Spatial Reasoning: The Role of Context in Learning

STUDENT TRAVEL GRANTS

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

Up to \$60,000 (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.

2023 WINNERS

Or David Agassi, *Israel Institute of Technology*
Manikya Alister, *The University of Melbourne*
Shubhamkar Bajrang Ayare, *IIT Kanpur*
Caroline Beech, *University of Pennsylvania*
Felix Binder, *University of California, San Diego*
Shu Chen, *The University of Sydney*
Yiran Chen, *University of Pennsylvania*
Aaron Chuey, *Stanford University*
Sholei Croom, *Johns Hopkins University*
Noémi Éltető, *Max Planck Institute for Biological Cybernetics*
Zoe Finiasz, *Duke University*
Priscilla Fung, *University of Toronto*
Hailin Hao, *University of Southern California*
Sebastian Holt, *University of California, San Diego*
Joseph Kwon, *University of California, San Diego*
Junho Lee, *Seoul National University*
Jing-Jing Li, *University of California, Berkeley*
Jiaxuan Li, *University of California, Irvine*
Zeynep Marasli, *University of Illinois*
Raja Marjeh, *Princeton University*
Mercury Mason, *Binghamton University*
David Mayo, *MIT*
James A. Michaelov, *University of California, San Diego*
Gaia Molinaro, *University of California*
Owen Morgan, *Cornell University*
Evan Orticio, *University of California, Berkeley*
Viola Pucci, *The University of Melbourne*
Dhanaraaj Raghuveer, *Philipps-Universität*
Sunayana Rane, *Princeton University*
Ludmila Reimer, *Ruhr-University Bochum*
Qianqian Ren, *Heilongjiang University*
Emory Richardson, *Yale University*
Jennifer Sander, *Max Planck Institute for Psycholinguistics*
Ms Revati Vijay Shivnekar, *Indian Institute of Technology*
Benjamin Simmonds, *The University of Adelaide*
Jessa Stegall, *Duke University*
Pol van Rijn, *Max Planck Institute for Empirical Aesthetics*
Carlos Alan Velazquez Vargas, *Princeton University*
Brandon Waldon, *Stanford University*
Qingyue Wang, *University of Chinese Academy of Sciences*
Alexandra Witt, *University of Tübingen*
Aotao Xu, *University of Toronto*
Tham Yik Foong, *Kyushu University*
Peter Zhu, *Stanford University*

CogSci 2023 DETAILED SCHEDULE

All times below are Australian Eastern Time (Sydney time), if you are attending virtually, please adapt to your own time zone. *Please note: the virtual platform will adjust the conference schedule in your specific time zone.*

WEDNESDAY, JULY 26TH, 2023

07:30 - 18:00 **REGISTRATION OPEN**

Pymont Foyer

07:30 - 08:30 **MORNING COFFEE**

Pymont Foyer

08:30 - 16:30 **Workshop 1: *How does the mind discover useful abstractions?***

Room C2.1 [[details](#)]

08:30 - 16:30 **Workshop 3: *Advancing cognitive science and AI with cognitive-***

Room C2.3 ***AI benchmarking*** [[details](#)]

08:30 - 16:30 **Workshop 4: *Towards broader adoption of massive online***

Room C2.4 ***experiments*** [[details](#)]

08:30 - 16:30 **Workshop 6: *Video games as a path to a contextualized cognitive***

Room C2.6 ***science, or how to play 20 questions with nature and win*** [[details](#)]

10:00 - 10:30 **COFFEE BREAK**

Pymont Foyer

12:00 - 13:00 **LUNCH ON OWN**

12:00 - 17:00 **Workshop 2: *Putting interaction center-stage for the study of***

Room C2.2 ***knowledge structures and processes*** [[details](#)]

13:00 - 17:00 **Workshop 5: *Large language models meet cognitive science***

Room C2.5 [[details](#)]

14:30 - 15:00 **COFFEE BREAK**

Pymont Foyer

17:00 - 18:00 **Affinity Meeting: *Women in Cognitive Science (WICS+)*** [[details](#)]

Room C2.1

THURSDAY, JULY 27TH, 2023

07:30 - 16:45 **REGISTRATION DESK OPEN**

Pymont Foyer

07:30 - 08:30 **MORNING COFFEE**

Pymont Foyer

08:30 - 09:00 **WELCOME FROM CSS CHAIR AND PROGRAM CHAIRS**

Pymont Theatre

09:00 - 10:00 **KEYNOTE:**

Pymont Theatre **Megan Bang, Northwestern University**

10:00 - 10:30 COFFEE BREAK

Pymont Foyer

10:30 - 11:10 GLEITMAN TALK:

Pymont Theatre

A High-Fidelity Perceptual Interface Of The Visual World

Talía Konkle, Harvard University

10:30 - 11:50 S.01: *Advances in the Study of Visual and Multisensory Objects*

Room C2.1

Speakers: Aleksandra Mroczko-Wasowicz: University of Warsaw; Casey O'Callaghan: Washington University St. Louis; Jonathan Cohen: UCSD; Brian Scholl: Yale University; Philip J Kellman: UCLA

10:30 - 11:50 S.04: *Spatial Reasoning: The Role of Context in Learning*

Room C2.2

Speakers: Ilyse Resnick: University of Canberra; Mary Hegarty: University of California, Santa Barbara; David Uttal: Northwestern University; Tom Lowrie: University of Canberra

11:10 - 11:50 T.01: *Representation and Action*

Pymont Theatre

T.01.03.1392 *Structured dynamics of hierarchical action selection*

Presenting Author: Juliana E. Trach, Yale University

Juliana E. Trach: Yale University; Samuel David McDougle: Yale University

T.01.04.2374 *Dynamic Predictive Coding Explains Both Prediction and Postdiction in Visual Motion Perception*

Presenting Author: Linxing Preston Jiang: University of Washington

Linxing Preston Jiang: University of Washington; Rajesh P. N. Rao: University of Washington

10:30 - 11:50 T.02: *Exploration and Information-Seeking 1*

Room C2.3

T.02.01.2457 *Young children's curiosity about what others think about the self*

Presenting Author: Peter Zhu, Stanford University

Peter Zhu: Stanford University; Carol Dweck: Stanford University; Hyowon Gweon: Stanford University

T.02.02.1299 *Exploring to learn: Curiosity, breadth and depth of exploration, and recall in young children*

Presenting Author: Jamie Jirout, University of Virginia

Jamie J Jirout: University of Virginia; Natalie Evans: University of Virginia

T.02.03.2492 *Driven by Information: Children's Exploration Shapes Their Distributed Attention in Category Learning*

Presenting Author: Qianqian Wan, Ohio State University

Qianqian Wan: Ohio State University; Vladimir Sloutsky: The Ohio State University

T.02.04.2451 *People seek easily interpretable information*

Presenting Author: Samuel Cheyette, MIT

Samuel J. Cheyette: MIT; Frederick Callaway: Princeton University; Neil R. Bramley: University of Edinburgh; Jonathan D. Nelson: University of Surrey; Josh Tenenbaum: MIT

10:30 - 11:50 T.03: Language Acquisition 1

Room C2.4

T.03.01.1357 Using an Egocentric Human Simulation Paradigm to quantify referential and semantic ambiguity in early word learning

Presenting Author: **Spencer Caplan**, University of Texas at Austin

Spencer Caplan: University of Texas at Austin; **Misty Z Peng**: University of Texas at Austin; **Yayun Zhang**: Max Planck Institute for Psycholinguistics; **Chen Yu**: University of Texas at Austin

T.03.02.1092 Children's understanding of verbal comparatives

Presenting Author: **Alexis Wellwood**, University of Southern California

Alexis C Wellwood: University of Southern California

T.03.03.2039 Differences between Mimicking and Non-Mimicking laughter in Child-Caregiver Conversation: A Distributional and Acoustic Analysis

Presenting Author: **Chiara Mazzocconi**, Aix-Marseille University

Chiara Mazzocconi: Aix-Marseille University; **Benjamin O'Brien**: Université d'Avignon et des Pays du Vaucluse; **Kevin El Haddad**: University of Mons; **Kübra Bodur**: Aix-Marseille University; **Abdellah Fourtassi**: Aix-Marseille University

T.03.04.2014 A synthesis of early cognitive and language development using (meta-) meta-analysis

Presenting Author: **Anjie Cao**, Stanford University

Anjie Cao: Stanford University; **Molly Lewis**: Independent Researcher; **Michael C. Frank**: Stanford University

10:30 - 11:50 T.04: Human and artificial intelligence

Room C2.5

Sponsored by Weinberg Institute for Cognitive Science

T.04.01.1720 Predictive and Interpretable: Combining Artificial Neural Networks and Classic Cognitive Models to Understand Human Learning and Decision Making

Presenting Author: **Maria Eckstein**, DeepMind

Maria K Eckstein: DeepMind; **Christopher Summerfield**: DeepMind; **Nathaniel Daw**: DeepMind; **Kevin Miller**: DeepMind

T.04.02.2533 Progressive Graph Learning over Pruned Dependency Trees For Relation Extraction

Presenting Author: **Chuang Wang**, Heilongjiang University

Chuang Wang: Heilongjiang University; **Qianqian Ren**: Heilongjiang University; **Shiyang Li**: Heilongjiang University; **Hui Xu**: Heilongjiang University

T.04.03.1463 Convolutional Neural Generative Coding: Scaling Predictive Coding to Natural Images

Presenting Author: **Alexander G. Ororbias II**, Rochester Institute of Technology

Alexander Ororbias: Rochester Institute of Technology; **Ankur A Mali**: University of South Florida

T.04.04.1810 Multitask Learning Via Interleaving: A Neural Network Investigation

Presenting Author: **David Mayo**, Massachusetts Institute of Technology

David Mayo: Massachusetts Institute of Technology; **Tyler R Scott**: Google Research; **Mengye Ren**: New York University; **Gamaledin Elsayed**: Google Research; **Katherine Hermann**: Google Research; **Matt Jones**: Google Research; **Michael Mozer**: Google Research

10:30 - 11:50 **T.05: Moral Cognition 1**

Room C2.6

T.05.01.2536 *What people learn from punishment: joint inference of wrongness and punisher's motivations from observation of punitive choices*

Presenting Author: **Setayesh Radkani**, MIT

Setayesh Radkani: MIT; **Rebecca Saxe**: MIT

T.05.02.2564 *Father, don't forgive them, for they could have known what they're doing*

Presenting Author: **Lara Kirfel**, Stanford University

Lara Kirfel: Stanford University; **Xenia Bunk**: Ludwig Maximilian University of Munich; **Ro'i Zultan**: Ben-Gurion University of the Negev; **Tobias Gerstenberg**: Stanford University

T.05.03.2162 *Measuring Moral Vacillations*

Presenting Author: **Ms Revati Vijay Shivnekar**, Indian Institute of Technology

Revati Vijay Shivnekar: Indian Institute of Technology, Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology

T.05.04.2388 *Simulating Political Polarization as a Function of Uncertain Inference and Signaling of Moral Values*

Presenting Author: **Julie M. E. Pedersen**, University of Edinburgh

Julie Maria Ejby Pedersen: University of Edinburgh; **Adam Moore**: University of Edinburgh

11:50-12:45 **LUNCH ON OWN**

12:45-14:00 **POSTER SESSION 1 WITH COFFEE AND DESSERT**

Pymont Foyer

14:00 - 15:20 **T.06: Language & AI 1**

Room C2.2

T.06.01.1792 *What Language Reveals about Perception: Distilling Psychophysical Knowledge from Large Language Models*

Presenting Author: **Raja Marjeh**, Princeton University

Raja Marjeh: Princeton University; **Ilia Sucholutsky**: Princeton University; **Pol van Rijn**: Max Planck Institute for Empirical Aesthetics; **Nori Jacoby**: Max Planck Institute for Empirical Aesthetics; **Tom Griffiths**: Princeton University

T.06.02.2667 *Predicting consensus in legal document interpretation*

Presenting Author: **Brandon Waldon**, Stanford University

Brandon Waldon: Stanford University; **Madigan Brodsky**: Stanford University; **Megan Ma**: Stanford University; **Judith Degen**: Stanford University

T.06.03.2170 *Comparing Humans and Models on a Similar Scale: Towards Cognitive Gender Bias Evaluation in Coreference Resolution*

Presenting Author: **Gili Lior**, The Hebrew University of Jerusalem

Gili Lior: The Hebrew University of Jerusalem; **Gabriel Stanovsky**: The Hebrew University of Jerusalem

T.06.04.1042 *Confident Slot Iterative Learning for Multi-Domain Dialogue State Tracking*

Presenting Author: **Qingyue Wang**, University of Chinese Academy of Sciences

Qingyue Wang: University of Chinese Academy of Sciences; **Yanan Cao**: Chinese Academy of Sciences; **Piji Li**: Nanjing University of Aeronautics and Astronautics; **Yanhe Fu**: Institute of Information Engineering, Chinese Academy of Sciences; **Zheng Lin**: Chinese Ac

14:00 - 15:20 T.07: Exploration and Information-Seeking 2

Room C2.3

T.07.01.1135 A reinforcement learning framework for information-seeking and information-avoidance

Presenting Author: **Irene Cogliati Dezza**, Ghent University

Irene Cogliati Dezza: Ghent University; **Gaia Molinaro**: University of California, Berkeley; **Tom Verguts**: Ghent University

T.07.02.1339 Efficient Detectives in the Sandbox: Children Demonstrate Adaptive Information-Search Strategies in a Novel Spatial Search Game

Presenting Author: **Kai-Xuan Chai**, Max Planck Institute for Human Development

Kai-Xuan Chai: Max Planck Institute for Human Development; **Oana Stanciu**: Central European University; **Azzurra Ruggeri**: Max Planck Institute for Human Development

T.07.03.1248 Eye Movements in Information-Seeking Reading

Presenting Author: **Omer Shubi**, Technion - Israel Institute of Technology

Omer Shubi: Technion - Israel Institute of Technology; **Yevgeni Berzak**: Technion - Israel Institute of Technology

T.07.04.2502 When to choose: Information seeking in the speed-accuracy tradeoff

Presenting Author: **Javier Alejandro Masís**, Princeton University

Javier Alejandro Masís: Princeton University; **David Melnikoff**: Northeastern University; **Lisa Feldman Barrett**: Northeastern University; **Jonathan Cohen**: Princeton University

14:00 - 15:20 T.08: Language Processing 1

Room C2.4

T.08.01.2607 How Do Syntactic Statistics and Semantic Plausibility Modulate Local Coherence Effects

Presenting Author: **Hailin Hao**, University of Southern California

Hailin Hao: University of Southern California; **Michael Hahn**: Saarland University; **Elsi Kaiser**: University of Southern California

T.08.02.1333 Can Peanuts Fall in Love with Distributional Semantics?

Presenting Author: **James A. Michaelov**, The University of California San Diego

James A. Michaelov: The University of California San Diego; **Seana Coulson**: UC San Diego; **Benjamin Bergen**: UC San Diego

T.08.03.1811 A decomposition of surprisal tracks the N400 and P600 brain potentials

Presenting Author: **Jiaxuan Li**, University of California Irvine

Jiaxuan Li: University of California Irvine; **Richard Futrell**: UC Irvine

T.08.04.2664 Are words equally surprising in audio and audio-visual comprehension?

Presenting Author: **Pranava Madhyastha**, City, University of London

Pranava Madhyastha: City, University of London; **Ye Zhang**: UCL; **Gabriella Vigliocco**: University College London

14:00 - 15:20 T.09: Pragmatics and Communication 1

Room C2.5

T.09.01.2295 *Modelling the Integration of Co-Speech Gestures into Sentence Meaning Composition*

Presenting Author: **Ludmila Reimer**, Ruhr-University Bochum

Ludmila Reimer: Ruhr-University Bochum; **Markus Werning**: Ruhr University Bochum

T.09.02.2048 *Exploring Joint Attention in American Sign Language: The Influence of Sign Familiarity*

Presenting Author: **Jennifer Sander**, Max Planck Institute for Psycholinguistics

Jennifer Sander: Max Planck Institute for Psycholinguistics; **Amy Lieberman**: Boston University; **Caroline F Rowland**: Max Planck Institute for Psycholinguistics

T.09.03.2236 *Are discourse expectations modulated by being linguistically creative? A production and perception study on Implicit Causality*

Presenting Author: **Oliver Bott**, Bielefeld University

Oliver Bott: Bielefeld University; **Matthias Schrumpf**: Bielefeld University; **Jens Michaelis**: Bielefeld University; **Torgim Solstad**: Bielefeld University

T.09.04.1667 *Communicative need shapes choices to use gendered vs. gender-neutral kinship terms across online communities*

Presenting Author: **Julia Watson**, University of Toronto

Julia Watson: University of Toronto; **Sarah Walker**: University of Toronto; **Suzanne Stevenson**: University of Toronto; **Barend Beekhuizen**: University of Toronto, Mississauga

14:00 - 15:20 T.10: Moral Cognition 2

Room C2.6

T.10.01.2326 *Underdetermination and Obligation Rules: Adult and Children's use of Closure Principles in Moral Learning*

Presenting Author: **Jessa Stegall**, Duke University

Jessa Stegall: Duke University; **John Mikhail**: Georgetown University Law Center; **Shaun Nichols**: Cornell University; **Tamar Kushnir**: Duke University

T.10.02.1577 *Children's Cost-Benefit Analysis About Agents who Act for the Greater Good*

Presenting Author: **Zoe Finiasz**, Duke University

Zoe Finiasz: Duke University; **Montana Shore**: Duke University; **Fei Xu**: UC Berkeley; **Tamar Kushnir**: Duke University

T.10.03.1219 *Causation, Foreseeability, and Norms*

Presenting Author: **Levin Güver & Markus Kneer**, University College London

Levin Güver: University College London; **Markus Kneer**: University of Zurich

T.10.04.2571 *When it's not out of line to get out of line: Principles of universalizability, welfare, and harm*

Presenting Author: **Joseph Kwon**, MIT

Joseph Kwon: MIT; **Tan Zhi-Xuan**: Massachusetts Institute of Technology; **Josh Tenenbaum**: MIT; **Sydney Levine**: Allen Institute for Artificial Intelligence

14:00 - 15:20 Elman Prize Symposium: How Language Influences Everyday Thought

Pyrmont Theatre

Symposium chair: **Steve Flusberg**, SUNY Purchase

Presenters: **Kevin Holmes**, Reed College

Tyler Marghetis, University of California, Merced

14:00 - 15:20 **S.03: Building a consensus about consensus: psychological, computational and philosophical approaches**
 Room C2.1
Speakers: Saoirse Connor Desai: University of Sydney; Ulrike Hahn - Birkbeck: University of London; Jens Koed Madsen: London School of Economics; Kerem Otkar/Tania Lombrozo/Tom Griffiths: Princeton University; Keith Ransom/Rachel Stephens: University of Adelaide

15:20-15:35 COMFORT BREAK

15:35-16:35 RUMELHART PRIZE KEYNOTE
 Pyrmont Theatre
The Social Contract In Miniature: Virtual Bargaining And The Theory Of Meaning, Morality, And The Foundations Of Culture
Nick Chater, University of Warwick

16:35-16:50 TRANSITION TO VENUE

16:50-17:50 RUMELHART RECEPTION
Adria Bar Restaurant
Celebrate the 24th Rumelhart Winner Announcement

FRIDAY, JULY 28TH, 2023

07:30-18:15 REGISTRATION DESK OPEN
Pyrmont Foyer

07:30-08:30 MORNING COFFEE
Pyrmont Foyer

8:30 - 9:50 RUMELHART SYMPOSIUM
Pyrmont Theatre
Symposium Chair: Morten Christiansen, Cornell University
Presenters: Adele Goldberg, Princeton University; Sydney Levine, Allen Institute for AI; Josh Tenenbaum, MIT

8:30 - 9:50 S.02: Space in Context: Communicative factors shape spatial language
 Room C2.1
Speakers: Myrto Grigoroglou: University of Toronto; Barbara Landau: Johns Hopkins University; Anna Papafragou: University of Pennsylvania; Ercenur Ünal: Özyeğin University; Kevser Kırbaçoğlu: Özyeğin University; Dilay Z. Karadoller: Koç University; Beyza Sumer: University of Amsterdam; Asli Ozyurek: Donders Institute; Barend Beekhuizen: University of Toronto; Kenny R Coventry: University of East Anglia; Piotr J. Barc: University of East Anglia; Lucy-Amber Roberts: University of East Anglia; Harmen Gudde: University of East Anglia

8:30 - 9:50 T.11: Cognitive Neuroscience

Room C2.2

T.11.01.1582 Human hacks and bugs in the recruitment of reward systems for goal achievementPresenting Author: **Gaia Molinaro**, University of California**Gaia Molinaro**: University of California, Berkeley; **Anne GE Collins**: UC Berkeley**T.11.02.1765 Domain-specific and domain-general neural responses to surprising psychological and physical events**Presenting Author: **Shari Liu**, Johns Hopkins University**Shari Liu**: Johns Hopkins University; **Kirsten Lydic**: MIT; **Lingjie Mei**: Princeton University; **Rebecca Saxe**: MIT**T.11.03.1626 Breaking New Ground in Computational Psychiatry: Characterizing Forgetting in Healthy Aging and Mild Cognitive Impairment**Presenting Author: **Holly Sue Hake**, University of Washington**Holly Hake**: University of Washington; **Bridget Leonard**: University of Washington; **Sara D Ulibarri**: University of Washington; **Thomas Grabowski**: University of Washington; **Hedderik van Rijn**: SlimStampen BV; **Andrea Stocco**: University of Washington**T.11.04.1755 Generating oscillation activity with Echo State Network to mimic the behaviour of a simple central pattern generator**Presenting Author: **Tham Yik Foong**, Kyushu University**Tham Yik Foong**: Kyushu University; **Danilo Vargas**: Kyushu University**8:30 - 9:50 T.12: Embodied and Situated Cognition**

Room C2.3

T.12.01.1698 Uncovering the Role of Intention in Active and Passive PerceptionPresenting Author: **Ekaterina Sangati**, Okinawa Institute of Science and Technology**Ekaterina Sangati**: Okinawa Institute of Science and Technology; **Lorena Lobo**: Universidad a Distancia de Madrid; **Stephen Estelle**: Okinawa Institute of Science and Technology; **Federico Sangati**: Okinawa Institute of Science and Technology Graduate University**T.12.02.2116 Using manual actions to create visual saliency: an outside-in solution to sustained attention and joint attention**Presenting Author: **Jane Yang**, University of Texas**Jane Yang**: University of Texas, Austin; **Linda Smith**: Indiana University; **David Crandall**: Indiana University; **Chen Yu**: University of Texas at Austin**T.12.03.2217 Researching Communication in Context: Engaged Epistemology and Ethnographic Fieldwork Transforms Understanding of Interactions after Laryngectomy**Presenting Author: **Konrad Zieliński**, University of Warsaw**Konrad Zieliński**: University of Warsaw; **Adrianna Biernacka**: Human Interactivity and Language Lab, University of Warsaw; **Adrianna Wojdat**: University of Warsaw; **Joanna Rączaszek-Leonardi**: University of Warsaw; **Joanna Komorowska-Mach**: University of Warsaw**T.12.04.2594 Situational affordances constrain first impressions from faces**Presenting Author: **Sally Y. Xie**, Princeton University**Sally Y Xie**: Princeton University; **Dr Eric Hehman**: McGill University

8:30 - 9:50 T.13: Analogies

Room C2.4

T.13.01.1994 *The Less is More Paradox in Relational Learning*Presenting Author: **Apoorva Shivaram**, Northwestern University**Erin M Anderson**: Indiana University; **Apoorva Shivaram**: Northwestern University; **Susan Hespos**: Western Sydney University; **Dedre Gentner**: Northwestern University**T.13.02.2535 *Sustaining Relational Preference in a Repeated Relational Match-to-Sample Task in the Absence of Task Support***Presenting Author: **Mercury Mason**, Binghamton University**Mercury K Mason**: Binghamton University; **Kenneth Kurtz**: Binghamton University**T.13.03.2019 *Human Relational Concept Learning on the Synthetic Visual Reasoning Test***Presenting Author: **Andrew Jun Lee**, University of California, Los Angeles**Andrew Jun Lee**: University of California, Los Angeles; **Hongjing Lu**: UCLA; **Keith Holyoak**: University of California, Los Angeles**T.13.04.2372 *Verb Metaphors are Processed as Analogies***Presenting Author: **Daniel King**, Northwestern University**Daniel C King**: Northwestern University; **Dedre Gentner**: Northwestern University**8:30 - 9:50 T.14: Reasoning and Inference 1**

Room C2.5

T.14.01.2672 *Do school-age children learn that $2 \times 3 = 3 \times 2$ relying on previous intuitions?*Presenting Author: **Marie Amalric**, University of Trento**Marie Amalric**: University of Trento; **Elizabeth Spelke**: Harvard University; **Manuela Piazza**: University of Trento**T.14.02.2012 *Infants Infer Social Relationships between Individuals who Engage in Imitative Social Interactions***Presenting Author: **Ashley J Thomas**, Harvard University**Vanessa Kudrnova**: University of College London; **Elizabeth Spelke**: Harvard University; **Ashley J Thomas**: Harvard University**T.14.03.1429 *Young children can identify knowledgeable speakers from their causal influence over listeners***Presenting Author: **Aaron Chuey**, Stanford University**Aaron Chuey**: Stanford University; **Robert Sparks**: Stanford University; **Hyowon Gweon**: Stanford University**T.14.04.1138 *Psychological distance and children's innovative problem solving***Presenting Author: **Sarah R Beck**, University of Birmingham**Sarah R Beck**: University of Birmingham; **Clare Louise Whalley**: University of Birmingham; **Sabbi Lagaha**: University of Birmingham; **Ian APPERLY**: University of Birmingham; **Jackie M Chappell**: University of Birmingham; **Louise Taylor Bunce**: Oxford Brookes University

8:30 - 9:50 T.15: Social Cognition 1: Computational Modeling

Room C2.6

T.15.01.2399 What does learning look Like?: visual Recognition of epistemic intent

 Presenting Author: **Sholei Croom**, Johns Hopkins University

Sholei Croom: Johns Hopkins University; **Hanbei Zhou**: Johns Hopkins University; **Chaz Firestone**: Johns Hopkins University

T.15.02.1363 Acting as Inverse Inverse Planning

 Presenting Author: **Kartik Chandra**, MIT

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

T.15.03.2431 Unequal Norms Emerge Under Coordination Uncertainty in Multi-Agent Deep Reinforcement Learning

 Presenting Author: **Yikai Tang**, University of Toronto

Yikai Tang: University of Toronto ; **Rebekah Gelpi**: University of Toronto; **William Cunningham**: University of Toronto

T.15.04.1508 Social learning with a grain of salt

 Presenting Author: **Alexandra Witt**, University of Tübingen

Alexandra Witt: University of Tübingen; **Wataru Toyokawa**: University of Konstanz; **Kevin N Lala**: University of St Andrews; **Wolfgang Gaissmaier**: University of Konstanz; **Charley M Wu**: University of Tübingen

9:50-10:20 COFFEE BREAK

Pymont Foyer

10:20 - 11:40 Invited Symp: Indigenous Ways Of Knowing

Pymont Theatre

Tanja Hirvonen, Black Dog Institute

Teenie Matlock, University of California – Merced

Natasha Tassell-Matamua, Massey University

Jakelin Troy, University of Sydney

10:20 - 11:40 S.05: Music Cognition between Theory and Experiment

Room C2.1

 Speakers: **Gabriele Cecchetti**: École Polytechnique Fédérale de Lausanne; **Christoph Finkensiep**: École Polytechnique Fédérale de Lausanne; **Xinyi Guan**: École Polytechnique Fédérale de Lausanne; **Steffen A. Herff**: Western Sydney University; **Anna Fiveash**: Western Sydney University; **Claire Pelofi**: New York University; **John E Drury**: CUNY Brooklyn College; **Martin Alois Rohrmeier**: École Polytechnique Fédérale de Lausanne

10:20 - 11:40 T.16: Visual Perception

Room C2.2

T.16.01.1690 Visual perception principles in constellation creation in individuals

Presenting Author: **Bridget A Kelly**, The University of Melbourne

Bridget A Kelly: The University of Melbourne; **Charles Kemp**: University of Melbourne; **Daniel R. Little**: The University of Melbourne; **Duane Hamacher**: The University of Melbourne; **Simon J Cropper**: University of Melbourne

T.16.02.1191 Frequency Asymmetries in Vision and Action

Presenting Author: **Owen Morgan**, Cornell University

Owen P. Morgan: Cornell University; **Daniel Casasanto**: Cornell University

T.16.03.2590 Where does the flow go? Humans automatically predict liquid pathing with coarse-grained simulation

Presenting Author: **Yuting Zhang**, Yale University

Yuting Zhang: Yale University; **Mario Belledonne**: Yale University; **Tristan Yates**: Yale University; **Ilker Yildirim**: Yale University

T.16.04.1655 Tracking Multiple Objects without Indexes

Presenting Author: **Shubhamkar Bajrang Ayare**, IIT Kanpur

Shubhamkar Ayare: IIT Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology

10:20 - 11:40 T.17: Learning and Decision-Making

Room C2.3

T.17.01.1552 Errorless irrationality: removing error-driven components from the inverse base-rate effect paradigm

Presenting Author: **Lenard Dome**, University of Plymouth

Lenard Dome: University of Plymouth; **Andy J Wills**: Plymouth University

T.17.02.2630 Attention biases in the inverse base-rate effect: Prediction error or novelty?

Presenting Author: **Shu Chen**, The University of Sydney

Shu Chen: The University of Sydney; **Hilary Don**: University College London; **Evan Livesey**: University of Sydney

T.17.03.2588 Faulty Memories, Favored Outcomes: How Errors Impact Learning Processes

Presenting Author: **Bridget Leonard**, University of Washington

Bridget Leonard: University of Washington; **Holly Hake**: University of Washington; **Andrea Stocco**: University of Washington

T.17.04.1335 Just Tell the Truth: Correcting Misconceptions with Simple, Factual Statements

Presenting Author: **Micah Watanabe**, Arizona State University

Micah Watanabe: Arizona State University; **Laura Allen**: University of Minnesota; **Danielle McNamara**: Arizona State University

10:20 - 11:40 T.18: Language & AI + Cognition and Emotion

Room C2.4

T.18.01.1620 Long-form analogies generated by chatGPT lack human-like psycholinguistic properties

Presenting Author: **S.M. Seals**, Wright State University

S M Seals: Wright State University; **Valerie Shalin**: Wright State University

T.18.02.1416 Probing the Representational Structure of Regular Polysemy in a Contextual Word Embedding Model via Sense Analogy Questions

Presenting Author: **Jiangtian Li**, University of Toronto Scarborough

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

T.18.03.2007 A Structure of basic emotions: A review of basic emotion theories using an emotionally fine-tuned language model

Presenting Author: **Junho Lee**, Seoul National University

Junho Lee: Seoul National University; **Cheongtag Kim**: Seoul National University

T.18.04.1149 The Development in Emotional Content of Children's Writing: Are Children Getting Less Happy?

Presenting Author: **Yuzhen Dong**, University of Oxford

Yuzhen Dong: University of Oxford; **Kate Nation**: University of Oxford; **Yaling Hsiao**: University of Oxford; **Nicola Dawson**: University of Oxford

10:20 - 11:40 T.19: Culture and Language 1

Room C2.5

T.19.01.1903 Around the world in 60 words: A generative vocabulary test for online research

Presenting Author: **Pol van Rijn**, Max Planck Institute for Empirical Aesthetics

Pol van Rijn: Max Planck Institute for Empirical Aesthetics; **Yue Sun**: Ernst Strüngmann Institute for Neuroscience; **Harin Lee**: Max Planck Institute for Empirical Aesthetics; **Raja Marjeh**: Princeton University; **Ilia Sucholutsky**: Princeton University; France

T.19.02.2050 Re-examining cross-cultural similarity judgments using language statistics

Presenting Author: **Khuyen Le**, University of California, San Diego

Khuyen N. Le: University of California, San Diego; **Shan Gao**: University of Chicago; **Michael C. Frank**: Stanford University; **Alexandra Carstensen**: UC San Diego

T.19.03.2249 Reconstructing early human symbolic evolution using transmission experiments

Presenting Author: **Kristian Tylén**, Aarhus University

Kristian Tylén: Aarhus University; **Aske Svane Qvist**: Aarhus University; **Rebecca Foss Kjeldsen**: Aarhus University; **Sergio Rojo**: Lund University; **Katrin Heimann**: Aarhus University; **Nicolas Fay**: University of Western Australia; **Niels N. Johannsen**: Aarhus Uni

T.19.04.2425 Simplicity and Informativeness in the Evolution of Combinatorial Structure

Presenting Author: **Matthias Hofer**, MIT

Matthias Hofer: MIT; **Simon Kirby**: The University of Edinburgh; **Roger Levy**: Massachusetts Institute of Technology

10:20 - 11:40 T.20: Causation 1

Room C2.6

T.20.01.1832 *How do Participants Interpret Trials from Individual Cells in a Causal Illusion Task?*

Presenting Author: **Peter F. Lovibond**, University of New South Wales

Peter Lovibond: University of New South Wales; **Julie YL Chow**: University of New South Wales; **Jessica C. Lee**: University of Sydney

T.20.02.1386 *The Edge of Ockham's Razor: Examining Boundary Conditions on Preferences for Simpler Explanations*

Presenting Author: **Thalia H Vrantsidis**, Princeton University

Thalia Vrantsidis: Princeton University; **Tania Lombrozo**: Princeton University

T.20.03.1673 *Learning what matters: Causal abstraction in human inference*

Presenting Author: **Steven M Shin**, Dartmouth College

Steven M Shin: Dartmouth College; **Tobias Gerstenberg**: Stanford University

T.20.04.2129 *Could It? Should It? Cognitive Reflection Facilitates Children's Modal Cognition*

Presenting Author: **Andrew Shtulman**, Occidental College

Andrew Shtulman: Occidental College; **Charlotte Harrington**: Occidental College; **Chloe Hetzel**: Occidental College; **Josephine Kim**: Occidental College; **Caroline Palumbo**: Occidental College; **Theodore Rountree-Shtulman**: Occidental College

11:40-12:30 LUNCH ON OWN

12:30-13:45 POSTER SESSION 2 WITH COFFEE AND DESSERT

Pyrmont Foyer

13:45 - 15:05 T.21: Spatial cognition

Room C2.2

T.21.01.2095 *Trial history influences the malleability of gender differences in children's mental rotation performance*

Presenting Author: **Yaxin Liu**, Emory University

Yaxin Liu: Emory University; **Stella Lourenco**: Emory

T.21.02.1964 *A common format for representing spatial location in visual and motor working memory*

Presenting Author: **Sami Yousif**, University of Pennsylvania

Sami R Yousif: University of Pennsylvania; **Alexander D Forrence**: Yale University; **Samuel David McDougale**: Yale University

T.21.03.1565 *Exploring human learning and planning on grid navigation using arbitrary mappings.*

Presenting Author: **Carlos Alan Velazquez Vargas**, Princeton University

Carlos Alan Velazquez-Vargas: Princeton University; **Jordan Taylor**: Princeton University

T.21.04.1871 *A rational model of spatial neglect*

Presenting Author: **Tianwei Gong**, University of Edinburgh

Tianwei Gong: University of Edinburgh; **Bonan Zhao**: University of Edinburgh; **Robert D McIntosh**: University of Edinburgh; **Chris Lucas**: University of Edinburgh

13:45 - 15:05 **T.22: Problem Solving**

Room C2.3

T.22.01.2581 Humans choose visual subgoals to reduce cognitive cost

Presenting Author: **Felix Binder**, UC San Diego

Felix Jedidja Binder: UC San Diego; **Marcelo G Mattar**: New York University; **David Kirsh**: University of California, San Diego; **Judith E. Fan**: Stanford University

T.22.02.1397 Estimating Sub-categories of Cognitive Load: An Eye-tracking Study

Presenting Author: **Rajlakshmi Guha**, Indian Institute of Technology

Sonali Aatrai: Indian Institute of Technology Kharagpur; **Sparsh Kumar Jha**: Indian Institute of Technology Kharagpur; **Rajlakshmi Guha**: Indian Institute of Technology

T.22.03.2176 Active Inference and Psychology of Goals: A study in Substance and Process Metaphysics

Presenting Author: **Dhanaraaj Raghuv eer**, Philipps-Universitaet

Dhanaraaj Raghuv eer: Philipps-Universitaet; **Dominik M Endres**: Philipps-Universitaet, Dept. Psychology

T.22.04.1736 Toward a normative theory of (self-)management by goal-setting

Presenting Author: **Nishad Singhi**, Max Planck Institute for Intelligent Systems

Nishad Singhi: Max Planck Institute for Intelligent Systems; **Florian Mohnert**: Max Planck Institute for Intelligent Systems; **Ben Prystawski**: Stanford University; **Falk Lieder**: Max Planck Institute for Intelligent Systems

13:45 - 15:05 **T.23: Concepts and Representation**

Room C2.4

T.23.01.2613 Evidence for a language-independent conceptual representation of pronominal referents

Presenting Author: **Mora Maldonado**, CNRS

Mora Maldonado: CNRS; **Noga Zaslavsky**: MIT; **Jennifer Culbertson**: University of Edinburgh

T.23.02.2555 Asymmetry Effects in Generic and Quantified Generalizations

Presenting Author: **Kevin Reuter**, University of Zurich

Kevin Reuter: University of Zurich; **Eleonore Neufeld**: University of Massachusetts, Amherst; **Guillermo Del Pinal**: University of Massachusetts at Amherst

T.23.03.2241 12-month-olds' reasoning via negation

Presenting Author: **Rachel Dudley**, Central European University

Rachel Dudley: Central European University; **Agnes Kovacs**: CEU; **Erno Teglas**: Central European University

T.23.04.2402 Predicting strategy choice in word formation: A case study of reuse and compounding

Presenting Author: **Aotao Xu**, University of Toronto

Aotao Xu: University of Toronto; **Charles Kemp**: University of Melbourne; **Lea Frermann**: University of Melbourne; **Yang Xu**: University of Toronto

13:45 - 15:05 **T.24: Culture and Language 2**

Room C2.5

T.24.01.1002 Cultural reinforcement learning: a framework for modeling cumulative culture on a limited channel

Presenting Author: **Ben Prystawski**, Stanford University

Ben Prystawski: Stanford University; **Dilip Arumugam**: Stanford University; **Noah Goodman**: Stanford University

T.24.02.1838 Computational principles underlying the evolution of cultural learning mechanisms

Presenting Author: **Xavier Roberts-Gaal**, Harvard University

Xavier Roberts-Gaal: Harvard University; **Fiery Cushman**: Harvard University

T.24.03.2276 The Relationship Between Frequency and Irregularity in the Evolution of Linguistic Structure: An Experimental Study

Presenting Author: **Kenny Smith**, University of Edinburgh

Kenny Smith: University of Edinburgh; **Clem Ashton**: University of Edinburgh; **Helen Sims-Williams**: University of Surrey

T.24.04.1883 Evidence From Computational Linguistics for the Concept of Gates in Hebrew

Presenting Author: **Avigail Stekel**, Ariel University

Avigail Stekel: Ariel University; **Moshe Stekel**: Ariel University; **Amos Azaria**: Ariel University

13:45 - 15:05 **T.25: Social Cognition 2: Social Learning and Applications**

Room C2.6

T.25.01.2629 The Influence of Cues to Consensus Quantity and Quality on Belief in Health Claims

Presenting Author: **Benjamin Simmonds**, The University of Adelaide

Benjamin P Simmonds: The University of Adelaide; **Rachel Stephens**: University of Adelaide ; **Rachel A Searston**: The University of Adelaide; **Nusrat Asad**: The University of Sydney; **Keith James Ransom**: University of Adelaide

T.25.02.2548 Agenda setting and The Emperor's New Clothes: people infer that letting powerful agents make their opinion known early can trigger information cascades and pluralistic ignorance

Presenting Author: **Emory Richardson**, Yale University

Emory Richardson: Yale University; **Isaac Davis**: Yale University; **Frank Keil**: Yale University

T.25.03.1220 Minority-group incubators and majority-group reservoirs for promoting the diffusion of climate change and public health adaptations

Presenting Author: **Matthew A. Turner**, Stanford University

Matthew Adam Turner: Stanford University; **Alyson L. Signleton**: Stanford University; **Mallory J. Harris**: Stanford University; **Cesar A Lopez**: Stanford University; **Ian Harryman**: Stanford University; **Ronan Forde Arthur**: Stanford University; **Caroline Muraida**: S

T.25.04.2086 Comparing predictions from the Elaboration Likelihood Model and a Bayesian model of argumentation

Presenting Author: **Jens Koed Madsen**, London School of Economics

Jens Koed Madsen: London School of Economics; **Michelle Cho Sze Wong**: The London School of Economics and Political Science

13:45 - 15:05
Pyrmont Theatre

S.06: *Relational Learning: Common Signatures Across Four Different Contexts*

Speakers: **Susan Hespos:** Western Sydney University; **Dedre Gentner:** Northwestern University; **Stella Christie:** Tsinghua University; **Qiuchen Ma:** Tsinghua University; **Benjamin Jee:** Worcester State University; **Florencia Anggoro:** College of the Holy Cross; **Ken Forbus:** Northwestern University

13:45 - 15:05
Room C2.1

S.07: *Marks and Meanings: New perspectives on the evolution of human symbolic behavior*

Speakers: **Kristian Tylen:** Aarhus University; **Mathias Sablé-Meyer:** NeuroSpin center, CEA DRF/I2BM, INSERM, Université Paris-Sud, Université Paris-Saclay; **Judith E. Fan:** University of California, San Diego; **Michelle C Langley:** Griffith University

15:05-15:20 **COMFORT BREAK**

15:20 - 16:40
Room C2.2

T.26: *Memory*

T.26.01.2475 *How Bizarre: Does the color bizarreness effect extend to long-term memory?*

Presenting Author: **Carla Macias,** Rutgers University-Newark

Carla Macias: Rutgers University-Newark; **Kimele Persaud:** Rutgers University - Newark

T.26.02.2510 *A Computational Model of Lexical False Memory based on Semantic Distance from Word Embeddings*

Presenting Author: **Huang Ham,** University of Pennsylvania

Huang Ham: University of Pennsylvania; **Adrianna C. Jenkins:** University of Pennsylvania

T.26.03.1851 *Reward-driven and memory-driven attentional biases automatically modulate rapid choice*

Presenting Author: **Mike E. Le Pelley,** University of New South Wales

Mike Le Pelley: University of New South Wales; **Ben Newell:** University of New South Wales; **Sandra Lagator:** University of New South Wales

T.26.04.2395 *The Goal Bias Emerges Early in Motion Event Inspection and Speech Planning: Evidence from Eye-Movements*

Presenting Author: **Yiran Chen,** University of Pennsylvania

Yiran Chen: University of Pennsylvania; **John Trueswell:** University of Pennsylvania; **Anna Papafragou:** University of Pennsylvania

15:20 - 16:40 **T.27: Decision Making 2**

Room C2.3

T.27.01.2271 People use Newtonian physics in intuitive sensorimotor decisions under risk

Presenting Author: **Fabian Tatai**, Technical University of Darmstadt

Fabian Tatai: Technical University of Darmstadt; **Dominik Straub**: Technical University of Darmstadt;
Constantin Rothkopf: Technical University of Darmstadt

T.27.02.2391 Habits of Mind: Reusing Action Sequences for Efficient Planning

Presenting Author: **Noémi Éltető**, Max Planck Institute for Biological Cybernetics

Noemi Elteto: Max Planck Institute for Biological Cybernetics; **Peter Dayan**: Max Planck Institute for Biological Cybernetics

T.27.03.1151 Modelling Rumination as a State-Inference Process

Presenting Author: **Rachel L Bedder**, Princeton University

Rachel L Bedder: Princeton University; **Sashank Pisupati PhD**: Princeton University; **Yael Niv**: Princeton University

T.27.04.1579 Compositionality under time pressure

Presenting Author: **Valerio Rubino**, University of Trento

Valerio Rubino: University of Trento; **Mani Hamidi**: University of Tübingen; **Peter Dayan**: Max Planck Institute for Biological Cybernetics; **Charley M Wu**: University of Tübingen

15:20 - 16:40 **T.28: Language Acquisition 2**

Room C2.4

T.28.01.1556 Computational Insights to Acquisition of Phonemes, Words, and Word Meanings in Early Language: Sequential or Parallel Acquisition?

Presenting Author: **Khazar Khorrami**, Tampere University

Khazar Khorrami: Tampere University; **María Andrea Cruz Blandón**: Tampere University; **Okko Räsänen**: Tampere University

T.28.02.2228 The impact of caregivers' multimodal behaviours on children's word learning: A corpus-based investigation

Presenting Author: **Ed Donnellan**, University College London

Ed Donnellan: University College London; **Antonia Jordan-Barros**: University College London; **Niki Theoflogiannakou**: University of East Anglia; **Gwen Brekelmans**: Queen Mary University of London; **Margherita Murgiano**: University College London; **Yasamin Motamed**

T.28.03.1768 How Speech and Representational Gestures Align in Child-Directed Language: a Corpus-based Study

Presenting Author: **Yumeng Wang**, University College London

Yumeng Wang: University College London; **Ed Donnellan**: University College London; **Gabriella Vigliocco**: University College London

T.28.04.2062 Optimizing Random Sampling of Daylong Audio

Presenting Author: **Zeynep Marasli**, University of Illinois

Zeynep Marasli: University of Illinois, Urbana Champaign; **Jessica L Montag**: University of Illinois, Champaign-Urbana

15:20 - 16:40 T.29: Pragmatics and Communication 2

Room C2.5

T.29.01.2440 *The emergence of coordinative dialogue – pragmatic context in multi-agent communication*

Presenting Author: **Maria Bancerek**, University of Warsaw

Maria Bancerek: University of Warsaw; **Julian Zubek**: University of Warsaw

T.29.02.1956 *How to handle the truth: A model of politeness as strategic truth-stretching*

Presenting Author: **Fausto Carcassi**, University of Tübingen

Fausto Carcassi: University of Tübingen; **Michael Franke**: University of Tübingen

T.29.03.2582 *Evidential uncertainty involves both pragmatic and extralinguistic reasoning: a computational account*

Presenting Author: **Judith Degen**, Stanford University

Alon Fishman: Tel Aviv University; **Judith Degen**: Stanford University

T.29.04.2657 *Towards a computational account of projection inferences in clause-embedding predicates*

Presenting Author: **Dingyi Pan**, Stanford University

Dingyi Pan: Stanford University; **Judith Degen**: Stanford University

15:20 - 16:40 T.30: Causation 2

Room C2.6

T.30.01.2100 *Perceptions of Explanation Completeness Help Decrease Knowledge Overestimation*

Presenting Author: **Jesseca K. Marsh**, Lehigh University

Julianne Wilson: Lehigh University; **Jesseca K. Marsh**: Lehigh University

T.30.02.1784 *Mapping a Plurality of Explanations with NLP: A Case Study of Mothers and Health Workers in India*

Presenting Author: **Sonja Schmer-Galunder**, SIFT

Scott E Friedman: SIFT; **Sonja Schmer-Galunder**: SIFT; **Vasanth Sarathy**: SIFT; **Ruta Wheelock**: SIFT; **Matthew McLure**: SIFT; **Drisana M Mosaphir**: SIFT; **Robert P. Goldman**: SIFT; **Noam Benkler**: Smart Information Flow Technologies; **Pavan Kantharaju**: Smart Information

T.30.03.2221 *Causal inference shapes counterfactual plausibility*

Presenting Author: **Tadeg Quillien**, University of Edinburgh

Tadeg Quillien: University of Edinburgh; **Aba Szollosi**: University of Edinburgh; **Neil R. Bramley**: University of Edinburgh; **Chris Lucas**: University of Edinburgh

T.30.04.1418 *Towards Understanding How Machines Can Learn Causal Overhypotheses*

Presenting Author: **Eliza Kosoy**, UC Berkeley

Eliza Kosoy: UC Berkeley; **David M Chan**: University of California, Berkeley; **Adrian Liu**: UC Berkeley; **Jasmine Collins**: UC Berkeley; **Jessica Hamrick**: DeepMind; **Sandy Han Huang**: DeepMind; **Nan Rosemary Ke**: Deepmind, Mila; **Emily Rose Reagan**: UC Berkeley; **John**

15:20 - 16:40 S.08: Harnessing Linguistic Diversity for Theories of Language and Mind

Pyrmont Theatre

Speakers: Evan Kidd: The Australian National University; **Morten Christiansen**: Cornell University; **Asifa Majid**: Oxford University; **Ina Bornkessel-Schlesewsky**: University of South Australia; **Matthias Schlewsky**: University of South Australia; **Nicholas Evans**: The Australian National University

15:20 - 16:40 **S.09: Cognition in Context? What Role should Behavioural and Cognitive Science play in Public Policy**
Room C2.1

Speakers: **Ben Newell**: University of New South Wales; **Magda Osman**: University of Cambridge; **Belinda Xie**: Department of Prime Minister and Cabinet; **William Mailer**: Commonwealth Bank of Australia; **Nick Chater**: University of Warwick

16:40 - 17:00 **COMFORT BREAK**

17:00 - 18:00 **KEYNOTE:**

Pyrmont Theatre **Mateja Jamnik**, University of Cambridge

How can we make trustworthy AI?

SATURDAY, JULY 29TH, 2023

07:30 - 16:15 **REGISTRATION DESK OPEN**

Pyrmont Foyer

07:30 - 08:30 **MORNING COFFEE**

Pyrmont Foyer

08:30 - 9:00 **CSS BUSINESS MEETING**

Pyrmont Theatre

09:00 - 10:00 **KEYNOTE:**

Pyrmont Theatre

Barbara A. Spellman, University of Virginia

Cognitive Science and Law: Where We Are(n't)

10:00 - 10:30 **COFFEE BREAK**

Pyrmont Foyer

10:30 - 11:50 **GLUSHKO TALKS**

Pyrmont Theatre

Motor awareness: From pathological models to normal functioning

Valentina Bruno, University of Turin

Cognition as a sequential decision problem

Frederick Callaway, Princeton University

Making sense of number, bit-by-bit

Samuel Cheyette, University of California, Berkeley

Statistical learning as chunking: Domain-general computations in language acquisition

Erin Isbilen, Cornell University

Human cognition of geometric shapes, a window into the mental representation of abstract concepts

Mathias Sablé-Meyer, Université PSL

10:30 - 11:50 S.10: Embodied Cognition in Context

Room C2.1 **Speakers:** Guilherme Sanches de Oliveira: Technische Universität Berlin

10:30 - 11:50 T.31: Human-Computer Interaction

Room C2.2

T.31.01.2182 Self-Censorship Appears to be an Effective Way of Reducing the Spread of Misinformation on Social Media

Presenting Author: **Piers D. L. Howe**, University of Melbourne

Piers Howe: University of Melbourne; **Andrew Perfors:** University of Melbourne; **Keith James Ransom:** University of Adelaide; **Bradley Walker:** University of Western Australia; **Nicolas Fay:** University of Western Australia; **Yoshihisa Kashima:** University of Melbourne

T.31.02.2387 Linguistic Cognitive Load Analysis on Dialogues with an Intelligent Pre-record Assistant

Presenting Author: **Mohammad Arvan**, University of Illinois at Chicago

Mohammad Arvan: University of Illinois at Chicago; **Mina Valizadeh:** University of Illinois at Chicago; **Parian Haghighat:** University of Illinois at Chicago; **Toan Nguyen:** University of Illinois at Chicago; **Heejin Jeong:** Arizona State University; **Natalie Pard**

T.31.03.2507 Characterizing Drivers' Peripheral Vision via the Functional Field of View for Intelligent Driving Assistance

Presenting Author: **Abhijat Biswas**, Carnegie Mellon University

Abhijat Biswas: Carnegie Mellon University; **Henny Admoni:** Carnegie Mellon University

T.31.04.1385 Confirmation trees: A simple strategy for producing hybrid intelligence

Presenting Author: **Julian Berger**, Max Planck Institute for Human Development

Frederik Andersen: University of Southern Denmark; **Pantelis Pipergias Analytis:** University of Southern Denmark; **Diana Verdes:** University of Southern Denmark; **Kristian Peter Lorenzen:** Aarhus University; **Julian Berger:** Max Planck Institute for Human Development

10:30 - 11:50 T.32: Reasoning & Inference 2

Room C2.3

T.32.01.2543 Herding cats: children's intuitive theories of persuasion predict slower collective decisions in larger and more diverse groups, but disregard factional power

Presenting Author: **Emory Richardson**, Yale University

Emory Richardson: Yale University; **Hannah Hok:** University of Chicago; **Alex Shaw:** University of Chicago; **Frank Keil:** Yale University

T.32.02.1475 Children flexibly adapt their evidentiary standards to their informational environment

Presenting Author: **Evan Orticio**, University of California, Berkeley

Evan Orticio: University of California, Berkeley; **Martin Meyer:** University of California Berkeley; **Celeste Kidd:** University of California, Berkeley

T.32.03.1820 Bayesian confirmation and commonsense notions of evidential strength

Presenting Author: **Derek Powell**, Arizona State University

Derek Powell: Arizona State University; **Shyam Nair:** Arizona State University

T.32.04.1120 Bridging Declarative, Procedural, and Conditional Knowledge Gap Using Deep Reinforcement Learning

Presenting Author: **Mark Abdelshiheed**, North Carolina State University

Mark Abdelshiheed: North Carolina State University; **John Wesley Hostetter:** North Carolina State University; **Tiffany Barnes:** North Carolina State University; **Min Chi:** North Carolina State University

10:30 - 11:50 T.33: Language Acquisition 3

Room C2.4

T.33.01.1868 *Che-che ('car-car') and chi-chi ('eat-eat'): Reduplication in Mandarin Chinese child-directed speech*

Presenting Author: **Mengru Han**, East China Normal University

Mengru Han: East China Normal University; **Yan Gu**: University of Essex

T.33.02.2297 *Verb vocabularies are shaped by complex meanings from the onset of development*

Presenting Author: **Justin Kueser**, Purdue University

Justin B. Kueser: Purdue University; **Arielle Borovsky**: Purdue University

T.33.03.1422 *Predicting Word Learning in Children from the Performance of Computer Vision Systems*

Presenting Author: **Sunayana Rane**, Princeton University

Sunayana Rane: Princeton University; **Mira L Nenchewa**: Princeton University; **Zeyu Wang**: Princeton University; **Casey Lew-Williams**: Princeton University; **Olga Russakovsky**: Princeton University; **Tom Griffiths**: Princeton University

T.33.04.2096 *Very Young Infants' Sensitivity to Consonant Mispronunciations in Word Recognition*

Presenting Author: **Caroline Beech**, University of Pennsylvania

Caroline Beech: University of Pennsylvania; **Daniel Swingle**: University of Pennsylvania

10:30 - 11:50 T.34: Language Modeling

Room C2.5

T.34.01.2063 *An information-theoretic account of availability effects in language production*

Presenting Author: **Richard Futrell**, UC Irvine

Richard Futrell: UC Irvine

T.34.02.2573 *Linguistic meanings interpreted*

Presenting Author: **Tim Hunter**, University of California, Los Angeles

Tim Hunter: University of California, Los Angeles; **Alexis C Wellwood**: University of Southern California

T.34.03.2156 *The cross-linguistic order of adjectives and nouns may be the result of iterated pragmatic pressures on referential communication*

Presenting Author: **Dhara Yu**, Stanford University

Dhara Yu: Stanford University; **Brandon Waldon**: Stanford University; **Judith Degen**: Stanford University

T.34.04.2479 *Understanding the Frequency of a Word by its Associates: A Network Perspective*

Presenting Author: **Ella Qiawen Liu**, University of Wisconsin-Madison

Qiawen Liu: University of Wisconsin-Madison; **Simon De Deyne**: University of Melbourne; **Xiaoya Jiang**: University of Wisconsin-Madison; **Gary Lupyan**: University of Wisconsin - Madison

10:30 - 11:50 T.35: Social Cognition 3: Social Learning and Education

Room C2.6

T.35.01.2141 *Inferring the truth from deception: What can people learn from helpful and unhelpful information providers?*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**T.35.02.1153 *Autonomy-supportive teaching algorithm which fosters independent learners***Presenting Author: **Kyosuke Kakinuma**, Kochi University of Technology**Kyosuke Kakinuma**: Kochi University of Technology; **Keise Izuma**: Kochi University of Technology**T.35.03.1600 *Training Sensitivity to Biased Samples in Inductive Reasoning***Presenting Author: **Spriha Goswami**, University of New South Wales**Spriha Goswami**: University of New South Wales; **Brett Hayes**: University of New South Wales**T.35.04.2003 *Teaching and Learning Through Pedagogical Environment Design***Presenting Author: **Emily G Liquin**, New York University**Emily G Liquin**: New York University; **Nicole Luzuriaga**: New York University; **Todd M Gureckis**: New York University**11:50 - 13:50 POSTER SESSION 3 WITH LUNCH PROVIDED**

Pymont Foyer

Lunch will be available from 1150-1320 only

13:50 - 15:10 Invited Symp: *How Should Industry Influence Cognitive Science?*

Pymont Theatre

Daniel Goldstein, Daniel Goldstein Studio**Cleotilde Gonzalez**, Carnegie Mellon University**David Landy**, Netflix**Rob Youmans**, Google Workspace**13:50 - 15:10 S.11: *Methodological issues in the cross-disciplinary study of numerical cognition***

Room C2.1

Speakers: **Jean-Charles Pelland**: University of Bergen; **Simon J Greenhill**: University of Auckland; **Oisin Parkinson-Coombs**: University of California, San Diego; **Larissa Mendoza Straffon**: Leiden University**13:50 - 15:10 S.12: *Mushrooms as 'food for thought': Cognitive science perspectives on fungi***

Room C2.2

Speakers: **Aliko Papa**: University of Bergen; **Andrea Bender**: University of Bergen; **Akiko Sawada**: Kyoto University; **Roope Kaaronen**: University of Helsinki; **André Geremia Parise**: University of Reading

13:50 - 15:10 **T.36: Decision Making 1**

Room C2.3

T.36.01.1878 Unpredictability shortens planning horizons

Presenting Author: **Arjun Mitra**, Indian Institute of Technology

Arjun Mitra: Indian Institute of Technology, Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology; **Narayanan Srinivasan**: Indian Institute of Technology

T.36.02.1539 The Importance of Complex Models in Decision Making Research: An Empirical Analysis using BEAST

Presenting Author: **Or David Agassi**, Technion - Israel Institute of Technology

Ori Plonsky: Technion - Israel Institute of Technology

T.36.03.1431 A description-experience gap in face stereotyping

Presenting Author: **Lisheng He**, Shanghai University

Hongyi Wang: East China Normal University; **Yilun Lu**: Shanghai Jiaotong University; **Lisheng He**: Shanghai University

T.36.04.1346 A generalized method for dynamic noise inference in modeling sequential decision-making

Presenting Author: **Jing-Jing Li**, UC Berkeley

Jing-Jing Li: UC Berkeley; **Chengchun Shi**: London School of Economics and Political Science; **Lexin Li**: University of California, Berkeley; **Anne GE Collins**: UC Berkeley

13:50 - 15:10 **T.37: Language Processing 2**

Room C2.4

T.37.01.2073 Does Predictability Drive the Holistic Storage of Compound Nouns?

Presenting Author: **Zachary Nicholas Houghton**, University of California, Davis

Zachary Nicholas Houghton: University of California, Davis; **Emily Morgan**: UC Davis

T.37.02.1006 Mental Simulation in L2 Processing of English Prepositional Phrases

Presenting Author: **Menghan Wang**, University of Melbourne

Menghan Wang: University of Melbourne; **Helen Zhao**: University of Melbourne

T.37.03.2503 Is It All or Nothing? The Other Accent Effect in Talker Recognition

Presenting Author: **Madeleine Yu**, University of Toronto

Madeleine Yu: University of Toronto; **Elizabeth Johnson**: University of Toronto

T.37.04.1944 Not Everyone Has an Inner Voice: Behavioral Consequences of Anendophasia

Presenting Author: **Johanne Nedergaard**, Aarhus University

Johanne Nedergaard: Aarhus University; **Gary Lupyan**: University of Wisconsin - Madison

13:50 - 15:10 T.38: Syntax & Morpholog

Room C2.5

T.38.01.1987 Double PP Constituent Ordering Preferences in English Early Child Language

Presenting Author: **Zoey Liu**, University of Florida

Zoey Liu: University of Florida; **Lauren E Namdar**: University of California, Davis; **Stefanie Wulff**: University of Florida; **Kenji Sagae**: University of California, Davis

T.38.02.2365 How does the syntax of counting affect learnability? Evidence from artificial language learning.

Presenting Author: **Sebastian Holt**, University of California, San Diego

Sebastian Holt: University of California, San Diego; **David Barner**: UC San Diego

T.38.03.2133 Iconic Artificial Language Learning: A Conceptual Replication with English Speakers

Presenting Author: **Naomi Tachikawa Shapiro**, University of Washington

Naomi Tachikawa Shapiro: University of Washington; **Shane Steinert-Threlkeld**: University of Washington

T.38.04.2304 Speakers' cognitive representations of gender and number morphology shape cross-linguistic tendencies in morpheme order

Presenting Author: **Carmen Saldana**, University of Zurich

Carmen Saldana: University of Zurich; **Jennifer Culbertson**: University of Edinburgh

13:50 - 15:10 T.39: Social Cognition 4: Groups and Cooperation

Room C2.6

T.39.01.1824 Learning and Information Use in an Intergroup Context

Presenting Author: **Benjamin G. Mittman**, Case Western Reserve University School of Medicine

Benjamin Mittman: Case Western Reserve University School of Medicine; **Keelah Williams**: Hamilton College; **Ting Qian**: FindingFive; **Vikranth Rao Bejjanki**: Hamilton College

T.39.02.1688 Social connection on the dance floor: Movement coordination in small group silent disco leads to greater self-other overlap

Presenting Author: **Olivia Soesanto**, Macquarie University

Olivia Soesanto: Macquarie University; **Cathy Macpherson**: The University of Western Australia; **Michael J Richardson**: Macquarie University; **Lynden K. Miles**: University of Western Australia; **Rachel Kallen**: Macquarie University

T.39.03.1163 Help me help you: A computational model for goal inference and action planning

Presenting Author: **Abhilasha A Kumar**, Bowdoin College

Abhilasha Kumar: Bowdoin College; **Mark Steyvers**: University of California, Irvine

T.39.04.2531 Incidental Coupling of Perceptual-Motor Behaviors Associated with Solution Insight during Physical Collaborative Problem-Solving

Presenting Author: **Patrick Nalepka**, Macquarie University

Patrick Nalepka: Macquarie University; **Finn O'Connor**: Macquarie University; **Rachel W. Kallen**: Macquarie University; **Michael J Richardson**: Macquarie University

15:10 - 15:25 COMFORT BREAK

15:25 - 15:45 CLOSING/THANK YOU

Pymont Theatre

17:00 - 20:00 HARBOUR CRUISE

Vagabond Cruise

Advance ticket purchase required

Loading begins at 16:45 from the Convention Jetty/Dock near the ICCS. Please plan to be early as the ship will depart at 17:00h sharp.

WORKSHOPS

All workshops will take place in person on **Wednesday, July 26th**, at the ICCS

Registration will open at 07:30 in the Pyrmont Foyer. Coffee will be available from 07:30 – 15:30. Attendees are on their own for lunch

WORKSHOP 1

08:30 - 16:30 *How does the mind discover useful abstractions?*

Room C2.1

Organizers and Presenters: **Marcelo G Mattar:** *University of California, San Diego;* **Judith E. Fan:** *Stanford University;* **Wai Keen Vong:** *New York University;* **Lionel Wong:** *Massachusetts Institute of Technology*

Abstraction enables humans to distill a cascade of sensory experiences into a useful format for making sense of the world and generalizing to new contexts. In developing theories of how these various forms of abstraction are discovered and used, cognitive scientists have proposed a multitude of representational formats with different properties to capture behavioral data and neural activity. However, because abstraction manifests in human cognition and behavior in so many ways, individual communities within cognitive science have generally studied these specific forms of abstraction under domain-specific representational assumptions. The goal of this workshop is to facilitate the search for unifying principles governing how humans learn, discover, and use abstractions in different domains, by providing a venue for the exchange of theoretical and empirical insights between research communities.

WORKSHOP 3

08:30 - 16:30 *Advancing cognitive science and AI with cognitive AI benchmarking*

Room C2.3

Organizers and Presenters: **Felix Jedidja Binder:** *UC San Diego;* **Logan Matthew Cross:** *Stanford University;* **Yoni Friedman:** *MIT;* **Robert Hawkins:** *Princeton University;* **Daniel L. K. Yamins:** *Stanford;* **Judith E. Fan:** *Stanford University*

What are the current limits of AI models in explaining human cognition and behavior? How might approaches from the cognitive sciences drive the development of more robust and reliable AI systems? The goal of this workshop is bring together researchers across cognitive science and artificial intelligence (AI) to engage with these questions and identify opportunities to work together to advance progress in both fields. In particular, we propose Cognitive-AI Benchmarking as a particularly promising strategy --- that is, the community-coordinated establishment of common benchmarks, tools, and best practices for model-human comparisons across diverse and ecologically relevant domains and tasks. We will host a combination of talks, panel discussion, and breakout activities to: highlight past successes in Cognitive-AI Benchmarking and limitations of current approaches, share tools and best practices, and outline future challenges and goals for the field.

WORKSHOP 4

08:30 - 16:30 ***Towards Broader Adoption of Massive Online Experiments***

Room C2.4

Organizers and Presenters: **Joshua K Hartshorne**: Boston College; **Jesse Storbeck**: Boston College

Since the Workshop on Scaling Cognitive Science was held at CogSci 2020, the methodological landscape of the field has undergone a significant shift toward online experiments. The COVID-19 pandemic forced greater numbers of cognitive scientists to collect data over the internet and to explore online alternatives to methods which they had previously used only in the lab. For example, since this time, eye-tracking capabilities have been introduced to a number of software packages for online experiments (Bańki, de Eccher, Falschlehner, Hoehl, & Markova, 2022; Slim & Hartsuiker, 2022; Yang & Krajbich, 2021).

WORKSHOP 6

08:30 - 16:30 ***Video games as a path to a contextualized cognitive science, or How to move beyond 20 questions with nature***

Room C2.6

Organizers and Presenters: **George Kachergis**: Skillprint, Inc.; **Joseph Larry Austerweil**: University of Wisconsin - Madison

In his famous address “You can’t play 20 questions with nature and win”, Newell (1973) predicted that experimental psychology’s focus on falsifying theories of individual phenomena (e.g., subitizing, directed forgetting, etc.) would not lead to a unifying theory subsuming several (let alone all) of the phenomena. Instead of seeking to detect effects, and binary searching our way to the explananda of these phenomena, Newell argued psychologists should build predictive theories of behavior by modeling 1) the structure of the task environment (i.e., context), 2) the subjects’ own goals, and 3) the invariant structure of the subjects’ processing mechanisms. Newell concludes that psychology will only make real progress in understanding the mind by 1) targeting tasks that are complex enough to cover the space of naturalistic behavior, 2) developing models that can competently perform the task, and 3) generalizing such models to perform multiple complex tasks. For 1), Newell chose to study chess; we believe he would find video games an even more compelling paradigm (see Gobet, 2017).

WORKSHOP 2

12:00 - 17:00 **Putting interaction center-stage for the study of knowledge structures and processes**
Room C2.2

Organizers and Presenters: **Joanna Rączaszek-Leonardi:** *University of Warsaw;* **Kristian Tilen:** *Aarhus University;* **Mark Dingemanse:** *Radboud University;* **Linda Smith:** *Indiana University;* **Hadar Karmazyn Raz:** *Indiana University, Bloomington;* **Nick Enfield:** *The University of Sydney;* **Rachel W. Kallen:** *Macquarie University;* **Michael J Richardson:** *Macquarie University;* **Veronica Romero:** *Colby College;* **Tahiya Chowdhury:** *Colby College;* **Alexandra Paxton:** *University of Connecticut;* **Julian Zubek:** *University of Warsaw*

Humans are social animals. Human cognition evolved in a social context. Human cognition develops in a social context. Thus, both the internal mechanisms of cognition and the information we use are social. In this workshop, we aim to extend the boundaries of cognitive sciences beyond individual minds. Following the lead of Dingemanse et al. (2023), we put interaction in focus as a complementary starting point for the study of human cognition.

WORKSHOP 5

13:00 - 17:00 **Large language models meet cognitive science: LLMs as tools, models, and participants**
Room C2.5

Organizers and Presenters: **Mathew Hardy:** *Princeton University;* **Ilia Sucholutsky:** *Princeton University;* **Bill Thompson:** *University of California, Berkeley;* **Tom Griffiths:** *Princeton University*

Large language models (LLMs) like GPT-3 are revolutionizing artificial intelligence, leading to breakthroughs in question answering, natural language understanding, and machine translation. Recent work in a variety of social science disciplines, including psychology, economics, and political science has demonstrated remarkable similarity between the behavior of LLMs and human decision makers. At the same time, AI researchers and engineers struggle to understand these systems, leading to practical challenges and ethical questions about fair and safe deployment. This workshop aims to bring together researchers to discuss work on using psychological methods to understand LLMs and LLMs as tools for understanding humans. Along these lines, we have invited leading researchers from cognitive science, psychology, and machine learning to present their work on topics that include: When and why do LLMs exhibit biased behavior? How do these compare to human biases? What sorts of psychological tasks do LLMs struggle with? Can we use psychological theory to structure this search? And how does the knowledge encoded in LLMs differ from human knowledge?

INVITED SYMPOSIA

FRIDAY, JULY 28TH 10:20-11:40

PYRMONT THEATRE

Indigenous Ways Of Knowing

Tanja Hirvonen, *Black Dog Institute*

Teenie Matlock, *University of California – Merced*

Natasha Tassell-Matamua, *Massey University*

Jakelin Troy, *University of Sydney*

This symposia brings together First Nations researchers from around the globe to discuss how Cognitive Science may benefit from cross-cultural perspectives, and how Cognitive Science can support First Nations people.

SATURDAY, JULY 29TH 13:50-15:10

PYRMONT THEATRE

How Should Industry Influence Cognitive Science?

Daniel Goldstein, *Daniel Goldstein Studio*

Cleotilde Gonzalez, *Carnegie Mellon University*

David Landy, *Netflix*

Rob Youmans, *Google Workspace*

This symposia brings together researchers, with backgrounds in both academia and industry, to discuss how to best foster theory development, basic science, and tackle applied problems.

SYMPOSIA

SYMPOSIUM 1

Advances In The Study Of Visual And Multisensory Objects

THURSDAY, JULY 27TH 10:30 - 11:50

LOCATION: C2.1

Speakers: Aleksandra Mroczko-Wasowicz, University of Warsaw; Casey O'Callaghan, Washington University St. Louis; Jonathan Cohen, UCSD; Brian Scholl, Yale University; Philip J Kellman, UCLA

The symposium 'Advances in the Study of Visual and Multisensory Objects' provides convergent focus of research from a broad range of subject areas. Using both nuanced philosophical analysis and informed empirical work, the symposium offers an interdisciplinary look at different aspects of visual and multisensory objects. It integrates three methodological approaches in a well-balanced way: philosophy of perception, experimental psychology, and cognitive neuroscience. Presenting a crucial part of the forthcoming collection (A. Mroczko-Wasowicz & R. Grush (Eds.) *Sensory Individuals: Unimodal and Multimodal Perspectives*. Oxford: OUP), the symposium focuses on specific and closely related questions.

SYMPOSIUM 4

Spatial Reasoning: The Role of Context in Learning

THURSDAY, JULY 27TH 10:30 - 11:50

LOCATION: C2.2

Speakers: Ilyse Resnick, University of Canberra; Mary Hegarty, University of California, Santa Barbara; David Uttal, Northwestern University; Tom Lowrie, University of Canberra

Spatial reasoning is an inherent aspect of everyday life. For example, spatial reasoning supports young children playing with blocks, older children learning about positioning on a sports field, and adults navigating where they need to go. Spatial reasoning is also a critical aspect of STEM (science, technology, engineering, mathematics, e.g., Wai, Lubinski, & Benbow, 2009). For example, chemists imagine molecules rotating to compare structure, and physicists reason about the influence of invisible forces on magnetic fields.

SYMPOSIUM 3

Building A Consensus About Consensus: Psychological, Computational, And Philosophical Approaches

THURSDAY, JULY 27TH 14:00 - 15:20

LOCATION: C2.1

Speaker: Saoirse Connor Desai, University of Sydney; Ulrike Hahn - Birkbeck, University of London; Jens Koed Madsen, London School of Economics; Kerem Otkar/Tania Lombrozo/Tom Griffiths, Princeton University; Keith Ransom/Rachel Stephens, University of Adelaide

People often have to decide if a claim is true (for example, that climate change is caused by human activity) even if they do not have the necessary knowledge or experience. It is common for people to turn to others to determine if a claim is true. When multiple sources agree, it can be a strong indicator of who to trust and what to believe (Mercier & Morin, 2019). In cognitive science, there is debate about what makes a “consensus” and how it should influence our decisions. Some models suggest that agreement among independent sources is more reliable than among sources who have communicated with each other (Whalen, Griffiths, & Buchsbaum, 2018; Bovens & Hartmann, 2004; Dietrich & Spiekermann, 2013). Recent empirical and modelling work (Pilditch, Hahn, Fenton, & Lagnado, 2020), however, suggests that having sources that are connected can sometimes provide more reliable information than having sources that are independent. This symposium brings together researchers from a range of disciplines (cognitive modelling, social network modelling, cognitive psychology, philosophy) to examine what makes a consensus persuasive, and it should guide our judgments and inferences.

SYMPOSIUM 2

Space In Context: Communicative Factors Shape Spatial Language

FRIDAY, JULY 28TH 08:30 - 09:50

LOCATION: C2.1

Speakers: Myrto Grigoroglou, University of Toronto; Barbara Landau, Johns Hopkins University; Anna Papafragou, University of Pennsylvania; Ercenur Ünal, Özyeğin University; Kevser Kırbaçoğlu, Özyeğin University; Dilay Z. Karadoller, Koç University; Beyza Sumer, University of Amsterdam; Asli Ozyurek, Donders Institute; Barend Beekhuizen, University of Toronto; Kenny R Coventry, University of East Anglia; Piotr J. Barc, University of East Anglia; Lucy-Amber Roberts, University of East Anglia; Harmen Gudde, University of East Anglia

Decades of research have revealed that spatial language is the result of a complex interplay between language-independent, conceptual factors and language-specific forces (e.g., Bowerman, 1996; Johnston & Slobin, 1979; Landau & Jackendoff, 1993; Levinson & Meira 2003; Levinson & Wilkins, 2006). However, currently, a growing body of research acknowledges the importance of a further, much less explored but highly important factor having to do with pragmatic pressures – the general communicative need to convey informative meanings with appropriate levels of required effort (Grice, 1975; Zipf, 1949). This symposium aims to present research documenting the effect of communicative/ pragmatic pressures on how spatial language systems are organized, used by speakers of different languages and acquired during development. The contributed papers explore a variety of spatial language phenomena, across many different languages, using a variety of empirical methods and diverse populations of participants.

SYMPOSIUM 5

Music Cognition between Theory and Experiment

FRIDAY, JULY 28TH 10:20 - 11:40

LOCATION: C2.1

Speakers: **Gabriele Cecchetti**, École Polytechnique Fédérale de Lausanne; **Christoph Finkensiep**, École Polytechnique Fédérale de Lausanne; **Xinyi Guan**, École Polytechnique Fédérale de Lausanne; **Steffen A. Herff**, Western Sydney University; **Anna Fiveash**, Western Sydney University; **Claire Pelofi**, New York University; **John E Drury**, CUNY Brooklyn College; **Martin Alois Rohrmeier**, École Polytechnique Fédérale de Lausanne

Music is a fascinating and complex aspect of cognition. When listening to music, listeners may experience complex structural relations, many of which are characterized in great detail by music-theoretical accounts. Such cognitive experience of structure in music, however, presents many challenges for empirical investigation: structural interpretations are the result of an inference on the part of the listener, resulting in ambiguous interpretations that listeners cannot often report explicitly. As a comparison, language comprehenders are also sensitive to the syntactic structure of sentences, and psycholinguistic research has an extensive track-record in investigating what representations of syntactic structure look like, and how they are formed in real-time processing. Could we achieve a similar understanding for music too? The goal of the symposium is to reflect on the challenges and prospects of such an endeavour: What can we learn from behavioural and brain-imaging experiments about the cognitive reality of musical structures? How do empirical observations pertaining to prediction and processing complexity relate to theoretical frameworks of musical structure?

SYMPOSIUM 6

Relational Learning: Common Signatures Across Four Different Contexts

FRIDAY, JULY 28TH 13:45 - 15:05

LOCATION: PYRMONT THEATRE

Speakers: **Susan Hespos**, Western Sydney University; **Dedre Gentner**, Northwestern University; **Stella Christie**, Tsinghua University; **Qiuchen Ma**, Tsinghua University; **Benjamin Jee**, Worcester State University; **Florencia Anggoro**, College of the Holy Cross; **Ken Forbus**, Northwestern University

What makes humans smart? We think it has to do with our analogical ability—our ability to perceive common relational patterns between different objects, events, or ideas. It is a cornerstone of our higher-order reasoning ability and may have its origins in a relational processing mechanism that allows us to abstract relations using comparison. In this symposium, we present research on the nature of our relational learning ability. We show that findings from infants, preschoolers, elementary school students, and adults reveal common signatures across a wide variety of contexts. These studies provide evidence about how to improve learning of abstract relational concepts and provide insight about how to build better AI models.

SYMPOSIUM 7

Marks And Meanings: New Perspectives On The Evolution Of Human Symbolic Behavior

FRIDAY, JULY 28TH 13:45 - 15:05

LOCATION: C2.1

Speakers: **Kristian Tylen**, Aarhus University; **Mathias Sablé-Meyer**, NeuroSpin center, CEA DRF/I2BM, INSERM, Université Paris-Sud, Université Paris-Saclay; **Judith E. Fan**, University of California, San Diego; **Michelle C Langley**, Griffith University

Understanding the unique evolutionary trajectory taken by humanity is impossible without an appreciation of our singular capacities for symbolic cognition and behaviour, which have evolved into the diverse practices of communication, art, reasoning, and ritual we encounter today (Deacon, 1998; Donald, 1991). But how did these capacities evolve during the Late Pleistocene?

SYMPOSIUM 8

Harnessing Linguistic Diversity for Theories of Language and Mind

FRIDAY, JULY 28TH 15:20 - 17:00

LOCATION: PYRMONT THEATRE

Speakers: **Evan Kidd**, The Australian National University; **Morten Christiansen**, Cornell University; **Asifa Majid**, Oxford University; **Ina Bornkessel-Schlesewsky**, University of South Australia; **Matthias Schlewsky**, University of South Australia; **Nicholas Evans**, The Australian National University

A comprehensive theory of human language requires a data set that is representative of the typological diversity present in the world's 7,000+ languages (Evans & Levinson, 2009). However, the treatment of linguistic diversity in cognitive science has been historically uneven. While many subfields of linguistics explicitly aim to describe and explain variation (e.g., linguistic typology, phonology), adjacent fields like psycholinguistics have suffered from an overreliance on English (Blasi et al., 2022; Christiansen et al., 2022a; Kidd & Garcia, 2022), mimicking cognitive science in general (Henrich et al., 2010). This large data skew prevents the field from fully explaining how humans acquire, represent, and process language, one of the core defining features of our species.

SYMPOSIUM 9

Cognition In Context? What Role Should Behavioural And Cognitive Science Play In Public Policy?

FRIDAY, JULY 28TH 15:20 - 17:00

LOCATION: C2.1

Speakers: **Ben Newell**, University of New South Wales; **Magda Osman**, University of Cambridge; **Belinda Xie**, Department of Prime Minister and Cabinet; **William Mailer**, Commonwealth Bank of Australia; **Nick Chater**, University of Warwick

It is now commonplace to hear that addressing the grand challenges of today's society – climate change, obesity, ageing populations, pandemics – requires substantial changes in individuals' behaviour (e.g., Newell & Moss, 2021). This call to arms places cognitive and behavioral science at the forefront of understanding how such widespread change can be achieved. Answering that call has led many researchers to make bold claims for the potential of simple techniques that facilitate positive behaviour change without impinging on people's freedom of choice (e.g., Thaler & Sunstein, 2008). These techniques, collectively and colloquially known as 'nudges' capitalize on promoting 'desirable' options by making changes to the choice architectures (physical, social and psychological) in which decisions are made.

SYMPOSIUM 10

Embodied Cognition in Context

SATURDAY, JULY 29TH 10:30 - 11:50

LOCATION: C2.1

Speaker: Guilherme Sanches de Oliveira, Technische Universität Berlin

That cognition is embodied is a claim that virtually no cognitive scientist today will deny: after all, even the researcher who models cognition in terms of entirely abstract, "medium-independent" states and processes will concede that particular instances are always necessarily realized in some body (of some kind) or other. The same is true for the theme of this year's CogSci meeting, "Cognition in Context": even if you think that there are cases in which the context plays merely a peripheral role in cognitive processing, you cannot deny that cognition always occurs in some context or other. This symposium is motivated by the realization, on the one hand, that the concept of embodiment means different things to different researchers in different contexts (see, e.g., Wilson 2002; Wilson and Golonka 2013; Crippen and Schulkin 2020), just as, on the other hand, the concept of context means different things to different researchers with different views on body and mind (see, e.g., Clancey 1997; Mesquita, Barrett and Smith 2010; Ibáñez and García 2018).

SYMPOSIUM 11

Methodological Issues In The Cross-Disciplinary Study Of Numerical Cognition

SATURDAY, JULY 29TH 13:50 - 15:10

LOCATION: C2.1

Speakers: Jean-Charles Pelland, University of Bergen; Simon J Greenhill, University of Auckland; Oisin Parkinson-Coombs, University of California, San Diego; Larissa Mendoza Straffon, Leiden University

Advances in a wide variety of disciplines have begun to tackle the challenge of finding out what happens to which cognitive systems to allow us to develop numerical abilities, yielding mountains of data ripe with explanatory promise (Cohen Kadosh & Dowker 2015). The development of novel experimental methods have allowed ethologists and developmental psychologists to probe into the cognitive abilities and systems operating

in preverbal infants and nonhuman animals, hinting at the boundary between our innate cognitive machinery and those formal abilities we develop by interacting with our cultural niche (Carey 2009). Uniting behavioral and brain data has produced strong support for the existence of cognitive systems recruited in the development of our formal numerical abilities (Feigenson, L., Dehaene, S., & Spelke, E. 2004).

Mushrooms As 'Food For Thought': Cognitive Science Perspectives On Fungi

SATURDAY, JULY 29TH 13:50 - 15:10

LOCATION: C2.2

Speakers: Aliko Papa, University of Bergen; Andrea Bender, University of Bergen; Akiko Sawada, Kyoto University; Roope Kaaronen, University of Helsinki; André Geremia Parise, University of Reading

The predominance of English and English-speaking research over the topics and findings in cognitive science is increasingly recognized as adversely affecting the field. One of the blind spots owing to this bias is a sweeping disinterest in the fungi world: A simple search of keywords in APA PsycInfo (on Jan 24, 2023) combining cognit* with each of the three major kingdoms of life returned the following number of hits: 44,257 for animals, 1,888 for plants, and 111 for fungi. And yet, fungi are the reason why we are here today, why we thrive, and why some of us lose ourselves in a different world altogether comes fall. Fungi have been critical for life on earth, for cultural achievements from baking and brewing to antibiotics, and as a source of food throughout human history. At the same time, they pose unique challenges to key cognitive processes involved in categorization as when distinguishing highly similar and variable species, in predictive processing during foraging, in causal reasoning and risk appraisal for diagnosing whether a species is poisonous, or in the acquisition and storing of information by way of learning, memorization, and teaching ...

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POSTER SESSIONS

In-person Posters will be presented during three poster sessions in the Pyrmont and C2 Meeting Room Foyers on level 2 of the ICCS. Poster numbers are PX-X-XX-XXXX. 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. The final four-digit number is the unique poster/paper ID number.

Poster Session 1: Thursday, July 27th 12:45-14:00

Poster Session 2: Friday, July 28th 12:30-13:45

Poster Session 3: Saturday, July 29th 11:50-13:50

Letter	Theme
A	AI
B	Analogy and Reasoning
C	Applied Cognition
D	Applied Language
E	Bayesian Modeling
F	Causation
G	Cognitive Neuroscience
H	Communication
I	Computational Modeling
J	Computational Neuroscience
K	Concepts
L	Culture and Cognition
M	Decision Making
N	Development
O	Education
P	Embodied Cognition
Q	Emotion
R	Groups and Cooperation
S	HCI
T	Language Acquisition
U	Language and Concept Acquisition
V	Language Modeling
W	Language Processing
X	Language Production
Y	Learning
Z	Machine Learning
AA	Memory
BB	Memory and Learning

CC Networks and Groups

DD Neural Networks

EE Perception

FF Pragmatics

GG Problem Solving

HH Reading

II Real-World Decisions

JJ Reasoning

KK Robotics

LL Semantics

MM Social Cognition

NN Sociolinguistics

OO Spatial Cognition

PP Syntax and Morphology

QQ Vision

POSTER SESSION 1:

THURSDAY, JULY 27TH 12:45 - 14:00

P1-A-1-1437 *Modeling Human Navigation in First-Person Herding Tasks*

Presenting Author: **Ayman Bin Kamruddin**, Scuola Superiore Meridionale

Ayman Bin Kamruddin: Scuola Superiore Meridionale; **Gaurav Patil**: Macquarie University; **Mirco Musolesi**: University College London; **Mario di Bernardo**: University of Naples Federico II; **Michael J Richardson**: Macquarie University

P1-A-2-1548 *Teachers' attitudes towards AI: what is the difference with non-AI technologies?*

Presenting Author: **Salomé Cojean**, Univ. Grenoble Alpes

Salomé Cojean: Univ. Grenoble Alpes; **Laurent Brun**: Univ. of Montpellier & Univ. Paul Valéry; **Franck Amadieu**: Univ. Toulouse Jean Jaurès; **Philippe Dessus**: Univ. Grenoble Alpes

P1-A-3-1659 *A newborn embodied Turing test for view-invariant object recognition*

Presenting Author: **Denizhan Pak**, Indiana University

Denizhan Pak: Indiana University; **Donsuk Lee**: Indiana University; **Samantha Marie Waters Wood**: Indiana University; **Justin N Wood**: Indiana University

P1-A-4-2069 *Parallel development of social preferences in fish and machines*

Presenting Author: **Joshua D. McGraw**, Indiana University

Joshua McGraw: Indiana University; **Donsuk Lee**: Indiana University; **Justin N Wood**: Indiana University

P1-A-5-2074 *Trust in Human-bot Teaming: Applications of the Judge Advisor System*

Presenting Author: **Jonathon Love**, University of Newcastle

Jonathon Love: University of Newcastle; **Quentin Gronau**: University of Newcastle; **Scott Brown**: University of Newcastle; **Ami Eidels**: University of Newcastle

P1-A-6-2329 *Friendly-Bot: The Impact of Chatbot Appearance and Relationship Style on User Trust*

Presenting Author: **Seoyeon Bae**, Seoul National University

Seoyeon Bae: Seoul National University; **Yoon Kyung Lee**: Seoul National University; **Sowon Hahn**: Seoul National University

P1-A-7-2628 *Evaluating machine comprehension of sketch meaning at different levels of abstraction*

Presenting Author: **Kushin Mukherjee**, University of Wisconsin-Madison

Kushin Mukherjee: University of Wisconsin-Madison; **Xuanchen Lu**: University of California San Diego; **Holly Huey**: University of California, San Diego; **Yael Vinker**: Tel Aviv University; **Rio Aguina-Kang**: University of California, San Diego; **Ariel Shamir**: Reichman University; **Judith E. Fan**: Stanford University

P1-A-8-1740 *Human Attention-Guided Explainable AI for Object Detection*

Presenting Author: **Guoyang Liu**, The University of Hong Kong

Guoyang Liu: The University of Hong Kong; **Jindi Zhang**: Huawei; **Antoni B. Chan**: City University of Hong Kong; **Janet Hsiao**: University of Hong Kong

P1-A-9-2090 *Psychophysical-Score: A Behavioral Measure for Assessing the Biological Plausibility of Visual Recognition Models*

Presenting Author: **Justin Dulay**, Kitware, Inc.

Brandon Richardwebster: Kitware, Inc.; **Justin Dulay**: University of Notre Dame; **Anthony DiFalco**: SPRX; **Walter Scheirer**: University of Notre Dame

P1-B-10-1247 *When do Children Pass the Relational-Match-To-Sample Task?*

Presenting Author: **Apoorva Shivaram**, Northwestern University

Apoorva Shivaram: Northwestern University; **Ruxue Shao**: Northwestern University; **Nina Simms**: Northwestern University; **Susan Hespos**: Northwestern University; **Dedre Gentner**: Northwestern University

P1-B-11-2075 *Analogy and the Evolution of the Cognitive Foundations of Metaphor: A Comparative and Archaeological Perspective*

Presenting Author: **Michael Pleyer**, Nicolaus Copernicus University in Toruń

Michael Pleyer: Nicolaus Copernicus University in Toruń; **Svetlana Kuleshova**: Nicolaus Copernicus University in Toruń; **Elizabeth Qing Zhang**: Jiangsu Normal University

P1-B-12-2135 *Improper analogical transfer impedes creative problem solving*

Presenting Author: **Yang-fan Lu**, Peking University

Yangfan Lu: Peking University; **Hang Zhang**: Peking University

P1-B-13-2393 *Relational abstraction in early childhood: Three cultures and three trajectories*

Presenting Author: **Alexandra Carstensen**, UC San Diego

Alexandra Carstensen: UC San Diego; **Minju Kim**: University of California, San Diego; **Gayoung Kim**: Chung-Ang University; **Meizi Jin**: Chung-Ang University; **Minjin Kang**: Chung-Ang University; **Youngho Choi**: Chung-Ang University; **Caren M. Walker**: University of California San Diego

P1-B-14-2081 *Two-stem Analogy Task is a Better Test for Relational Reasoning*

Presenting Author: **Shohei Hidaka**, Japan Advanced Institute of Science and Technology

Shohei Hidaka: Japan Advanced Institute of Science and Technology; **Tatsuhiko Kato**: CData Software Japan, LLC; **Takuma Torii**: Tokyo Denki University

P1-B-15-2565 *Neural Correlates of Analogical Reasoning of Syntactic Rules*

Presenting Author: **Zhuqian Zhou**, Beijing Normal University

Zhongshan Li: Beijing Normal University; **Zhuqian Zhou**: Teachers College, Columbia University; **xiaoling wang**: Beijing Normal University; **Jinshan Wu**: beijing normal university; **Luyao Chen**: Beijing Normal University

P1-F-16-1800 *Assessing Distributions of Causal Beliefs in the Illusory Causation Task*

Presenting Author: **Jessica C. Lee**, University of Sydney

Jessica C. Lee: University of Sydney; **Julie YL Chow**: University of New South Wales; **Jaimie E Lee**: University of New South Wales; **David W.H. Ng**: University of New South Wales; **Peter Lovibond**: University of New South Wales

P1-F-17-1817 *Learning about Benefits and Side Effects of a Bogus Treatment are Similarly Influenced by the Frequency of the Outcome Occurring*

Presenting Author: **Julie YL Chow**, University of New South Wales

Julie YL Chow: University of New South Wales; **Evan Livesey**: University of Sydney

P1-F-18-2631 *More means more? Illusory causation between uncorrelated continuous events*

Presenting Author: **Lexin Liang**, University of Sydney

Lexin Liang: University of Sydney; **Julie YL Chow**: University of New South Wales; **Evan Livesey**: University of Sydney

P1-F-20-2234 *Plural causes in causal judgment*

Presenting Author: **Can Konuk**, Institut Jean Nicod

Can Konuk: Institut Jean Nicod; **Michael Eric Goodale**: Ecole normale superieure; **Tadeg Quillien**: University of Edinburgh; **Salvador Mascarenhas**: Ecole Normale Supérieure

P1-G-21-1537 Unexpected visual events elicit faster and more accurate behavioural responses

Presenting Author: **Reuben Rideaux**, University of Sydney

Reuben Rideaux: University of Sydney; **Phuong Ngoc Uyen Dang**: University of Queensland; **Luke Jackel-David**: University of Queensland; **Jason Mattingley**: University of Queensland

P1-G-22-1652 Brain Encoding using Randomized Recurrent Networks

Presenting Author: **Jonnala Naga Yaswanth Reddy**, Tirumala Engineering college

Mallikarjuna Reddy Yeruva: Tirumala Engineering college; **Jonnala Naga Yaswanth Reddy**: Mahindra University; **Uday Kiran Reddy Atmakuri**: Venkateswara University; **mounika marreddy**: IIIT Hyderabad

P1-G-23-1859 Perception-Action Coupling and the Dynamicist/Computationalist Divide

Presenting Author: **Guilherme Sanches de Oliveira**, Technische Universität Berlin

Bilal Arafaat: Technische Universität Berlin; **Guilherme Sanches de Oliveira**: Technische Universität Berlin; **Klaus Gramann**: TECHNISCHE UNIVERSITÄT BERLIN (TU)

P1-I-24-1354 Computation-Limited Bayesian Updating

Presenting Author: **Jianqiao Zhu**, Princeton University

Jian-Qiao Zhu: Princeton University; **Adam Sanborn**: University of Warwick; **Nick Chater**: University of Warwick; **Tom Griffiths**: Princeton University

P1-K-25-1215 Contrast Categories Elicit Illusory Correlations When Learning Social Groups

Presenting Author: **Kimery Reed Levering**, Marist College

Kim Levering: Marist College; **Brittany Mross**: Marist College; **Natalie Bills**: Marist College; **Mallory Cannon**: Marist College; **Jacqueline Cassano**: Marist College

P1-K-26-1313 Quantifying Bias in Library Classification Systems

Presenting Author: **Katie Warburton**, University of Toronto

Katie Warburton: University of Toronto; **Charles Kemp**: University of Melbourne; **Yang Xu**: University of Toronto; **Lea Freermann**: University of Melbourne

P1-K-27-1444 Can words show your shape? Free association task for analyzing food categorization and concept

Presenting Author: **JooYun Ha**, Department of Human Ecology, Clinical Nutrition, Hanyang University

Joo Yun Ha: Department of Human Ecology, Clinical Nutrition, Hanyang University; **Yongsoo Park**: Department of Human Ecology, Clinical Nutrition, Hanyang University; **Hyungwook Yim**: Hanyang University

P1-K-28-1520 The Categorization Task is Insufficient to Distinguish between Strategies: A Case for Partial-XOR-like Tasks

Presenting Author: **Yu-Wei Chang**, Syracuse University

Yu-Wei Chang: Syracuse University; **Michael Kalish**: Syracuse University

P1-K-29-1603 Dynamics of information activation of noun countability and semantic category in language processing

Presenting Author: **Shiao-hui Chan**, National Taiwan Normal University

Shiaohui Chan: National Taiwan Normal University

P1-K-30-1643 Conceptual Change During Recursive Pattern Learning in Children and Adults

Presenting Author: **Abhishek Dedhe**, Carnegie Mellon University

Abhishek Dedhe: Carnegie Mellon University; **Steven Piantadosi**: UC Berkeley; **Jessica Cantlon**: Carnegie Mellon

P1-K-31-2142 Children Are Not Just Noisy Adults: Disentangling Noise and Bias in Numerical Estimation

Presenting Author: **Hyekyung Park**, The Ohio State University

Hyekyung Park: The Ohio State University; **John Opfer**: The Ohio State University

P1-K-32-2659 Novel Noun Generalization in a Free-Choice Design : Investigating Noun Generalization Constraints.

Presenting Author: **Jean-Pierre Thibaut**, University Bourgogne Franche-Comté

Eleanor Stansbury: University Bourgogne Franche-Comté; **Arnaud Witt**: University of Bourgogne Franche-Comté; **Jean-Pierre Thibaut**: University of Bourgogne Franche-Comté

P1-L-33-2122 The role of cultural support on commutativity at varying levels of abstraction

Presenting Author: **Isabelle Boni**, UC Berkeley

Isabelle Boni: UC Berkeley; **Steven Piantadosi**: UC Berkeley

P1-M-34-1632 Do People Like Financial Nudges?

Presenting Author: **Merle van den Akker**, PhD, Commonwealth Bank of Australia

Merle van den Akker: Commonwealth Bank of Australia

P1-M-35-1803 Ideological Differences in Paths to Persistence

Presenting Author: **Kerem Oktar**, Princeton University

Kerem Oktar: Princeton University; **Tania Lombrozo**: Princeton University

P1-M-36-1827 *Even those who perceive COVID-19 as low risk conduct infection prevention behavior in Japan: COVID-19 infection prevention behavior as a social norm*

Presenting Author: **Shuma Iwatani**, The University of Tokyo
Shuma Iwatani: The University of Tokyo; **Yukiko Muramoto**: Graduate School of Humanities and Sociology, The University of Tokyo

P1-M-37-1891 *People fail to learn probabilistic XOR rules even in a small feature space*

Presenting Author: **Jianbo Chen**, Peking University
Jianbo Chen: Peking University; **Tianyuan Teng**: Peking University; **Hang Zhang**: Peking University

P1-M-38-1938 *Belief Attitude and Belief Updating*

Presenting Author: **Evelyn Y.H. Huang**, Hong Kong Polytechnic University
Evelyn Huang: Hong Kong Polytechnic University; **Benson Tsz Kin Leung**: Hong Kong Baptist University

P1-M-39-2320 *Are there Irrelevant Utilities? What the Folk Think (and Why This is Relevant)*

Presenting Author: **Markus Kneer**, Juri Viehoff, University of Zurich
Markus Kneer: University of Zurich; **Juri Viehoff**: University of Manchester

P1-M-40-2352 *Measuring and Modeling Physical Intrinsic Motivation*

Presenting Author: **Julio Martinez**, Stanford University
Julio Martinez: Stanford University; **Felix Jedidja Binder**: UC San Diego; **Haoliang Wang**: University of California, San Diego; **Nick Haber**: Stanford; **Judith E. Fan**: Stanford University; **Daniel Yamins**: Stanford University

P1-M-41-2550 *Are self-nudges effective?*

Presenting Author: **Xingyu (Shirley) Liu**, University of California San Diego
Xingyu (Shirley) Liu: University of California San Diego; **Craig R. M. McKenzie**: UC San Diego; **Shlomi Sher**: Pomona College; **Lim Leong**: UC San Diego

P1-M-42-1449 *Impact of past answer on serial dependence in numerosity perception*

Presenting Author: **Yukihiro Morimoto**, Osaka Prefecture University
Yukihiro Morimoto: Osaka Prefecture University; **Shogo Makioka**: Osaka Metropolitan University

P1-M-43-1880 *Can higher social status of competitors cause decision makers to commit more errors?*

Presenting Author: **Li Qian Tay**, University of Western Australia
Li Qian Tay: University of Western Australia

P1-M-44-2067 *Effects of learning and feedback on risk preferences*

Presenting Author: **Ashley Luckman**, University of Exeter
Ashley Luckman: University of Exeter; **Emmanouil Konstantinidis**: University of Warwick; **Jörg Rieskamp**: University of Basel

P1-M-45-2618 *Comparing Human Predictions from Expert Advice to On-line Optimization Algorithms*

Presenting Author: **Feng Xia**, Jianqiao Zhu, Princeton University
Feng Xia: Princeton University; **Jianqiao Zhu**: University of Warwick; **Tom Griffiths**: Princeton University

P1-O-46-1635 *Limited Neural Capacity and Hyper-Excitability Affect Quantity Processing: A Computational Account*

Presenting Author: **Lani Krossa**; **Lang Chen**, Santa Clara University
Lani Krossa: Santa Clara University; **Tannaz Azimi**: Santa Clara University; **Julia Lieberman**: Santa Clara University; **Lang Chen**: Santa Clara University

P1-O-47-1982 *Knowledge Catalysts: A Structure to Promote Incorporation of Active Learning Techniques*

Presenting Author: **Erin Clabough**, University of Virginia
Erin Clabough: University of Virginia

P1-O-48-2070 *Multimodal Behavior Analysis: Two Patterns of Collaborative Construction of Embodied Knowledge*

Presenting Author: **Hanall Sung & Doy Kim**, University of Wisconsin-Madison
Hanall Sung: University of Wisconsin-Madison; **Doy Kim**: University of Wisconsin-Madison; **Michael Swart**: University of Wisconsin; **Mitchell Nathan**: University of Wisconsin – Madison

P1-Q-49-1068 *How Do Emotion Labels Help Emotion Learning? The Role of Novelty Versus Familiarity*

Presenting Author: **Marissa Ogren**, Rutgers University, Newark
Marissa Ogren: Rutgers University, Newark; **Catherine Sandhofer**: University of California, Los Angeles

P1-Q-50-1549 *Effects of a dancer's emotions on their dance 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

P1-Q-51-2113 *Development of the cognitive model of food craving: Examining the relationship among craving intensity, intrusive thought, and sensory imagery by structural equation modeling*

Presenting Author: **Makoto Nishimura**, Tokyo Metropolitan University
Makoto Nishimura: Tokyo Metropolitan University; **Kazuya Inoue**: Tokyo Metropolitan University

P1-R-52-1099 *Extremizing Judgements Produces More Inaccurate Individuals but Wiser Crowds*

Presenting Author: **Federico Barrera-Lemarchand**, Universidad Torcuato Di Tella

Federico Barrera-Lemarchand: Universidad Torcuato Di Tella; **Joaquin Navajas**: Universidad Torcuato Di Tella

P1-R-53-1714 *The effect of implicit theories on help-seeking behavior: Focusing on anticipated evaluation and perceived implicit theories of the peer member.*

Presenting Author: **Keita Suzuki**, College of Comprehensive Psychology

Keita Suzuki: College of Comprehensive Psychology; **Tomoki Fujiwara**: The University of Tokyo; **Yukiko Muramoto**: Graduate School of Humanities and Sociology, The University of Tokyo

P1-R-54-2498 *Interaction Among Peers Increases Performance in the Remote Associates Test*

Presenting Author: **Jarean Carson**, Wright State University

Jarean Carson: Wright State University; **Preston S. Menke**: Wright State University; **Chi Hang Wong**: Wright State University; **Kristin Kindell**: Wright State University; **Ion Juvina**: Wright State University

P1-K-55-1668 *You are what you're for: Essentialist categorization in large language models*

Presenting Author: **Siyang Zhang**, Stanford University

Siyang Zhang: Stanford University; **Jingyuan Selena She**: Haverford College; **Tobias Gerstenberg**: Stanford University; **David Rose**: Stanford

P1-R-56-1450 *Interpersonal physiological connection is associated with improved orchestral performance*

Presenting Author: **Aiko Murata**, Nippon Telegraph and Telephone Corporation

Aiko Murata: Nippon Telegraph and Telephone Corporation; **Kazuaki Honda**: Nippon Telegraph and Telephone Corporation; **Kakagu Komazaki**: Nippon Telegraph and Telephone Corporation; **Naoki Saijo**: Nippon Telegraph and Telephone Corporation

P1-S-57-1064 *Selectively Providing Reliance Calibration Cues With Reliance Prediction*

Presenting Author: **Yosuke Fukuchi**, National Institute of Informatics

Yosuke Fukuchi: National Institute of Informatics; **Seiji Yamada**: National Institute of Informatics

P1-S-58-1464 *Competitive eSports as a New Paradigm for Cognitive Science: Current State and Future Directions*

Presenting Author: **Noah Phillips**, Rensselaer Polytechnic Institute
Noah Phillips: Rensselaer Polytechnic Institute

P1-S-59-1533 *Action decision congruence between human and deep reinforcement learning agents during a coordinated action task*

Presenting Author: **Gaurav Patil**, Macquarie University

Gaurav Patil: Macquarie University; **Phillip Bagala**: Macquarie University; **Patrick Nalepka**: Macquarie University; **Michael J Richardson**: Macquarie University; **Rachel W. Kallen**: Macquarie University

P1-T-60-1162 *The influence of multilingualism on cross-situational statistical word learning and mutual exclusivity*

Presenting Author: **Yasmine Tachakourt**, Mohammed V University of Rabat

Yasmine Tachakourt: Mohammed V University of Rabat; **Tianlin Wang**: University at Albany-SUNY

P1-T-61-1240 *The effect of code-switching experience on the dual mechanism of cognitive control: A comparison between early and late Japanese-English bilinguals*

Presenting Author: **Yuchen Hui**, Graduate School of Arts and Sciences, The University of Tokyo

Yuchen Hui: Graduate School of Arts and Sciences, The University of Tokyo; **Rayna Azuma**: Waseda University

P1-T-62-1486 *Is Reliability of Cognitive Measures in Children Dependent on Participant Age? A Case Study with Two Large-Scale Datasets*

Presenting Author: **María Andrea Cruz Blandón**, Tampere University

Okko Räsänen: Tampere University; **María Andrea Cruz Blandón**: Tampere University; **Jukka Leppänen**: University of Turku

P1-T-63-2412 *Evidence for Cross-situational Syntactic Bootstrapping: Three-year olds Generalize Verb Meaning across Different Syntactic Frames*

Presenting Author: **Yiran Chen**, University of Pennsylvania

Yiran Chen: University of Pennsylvania; **Alexander S LaTourrette**: University of Pennsylvania; **John Trueswell**: University of Pennsylvania

P1-T-64-2449 *The Paired Process of Preschoolers' Speech: Dyadic Variance Predominates Classroom Vocalizations*

Presenting Author: **Lynn K Perry**, University of Miami

Lynn K. Perry: University of Miami; **Chaoming Song**: University of Miami; **Daniel Messinger**: University of Miami

P1-T-65-2499 *Visual Context and Word Learning in School-Age Children: An Eye-tracking Study*

Presenting Author: **Andrea Helo**, Universidad de Chile

Andrea Helo: Universidad de Chile; **Ernesto Guerra**: Universidad de Chile

P1-T-66-2506 *Understanding the Time Course of Context-Based Incidental Word Learning*

Presenting Author: **Ernesto Guerra**, Universidad de Chile
Ernesto Guerra: Universidad de Chile; **Andrea Helo**: Universidad de Chile

P1-T-67-2519 *Effects of Accent Exposure on Monolingual and Bilingual Children's Early Vocabulary Development*

Presenting Author: **Priscilla Fung**, University of Toronto
Priscilla Fung: University of Toronto ; **Helen Buckler**: University of Nottingham; **Elizabeth Johnson**: University of Toronto

P1-T-68-2532 *Measuring Children's Early Vocabulary in Low-Resource Languages Using a Swadesh-style Word List*

Presenting Author: **George Kachergis**, Stanford University
Alvin Wei Ming Tan: Stanford University; **George Kachergis**: Stanford University; **Virginia A Marchman**: Stanford University; **Philip S Dale**: University of New Mexico; **Michael C. Frank**: Stanford University

P1-T-69-1250 *Embodied attention resolves visual ambiguity to support infants' real-time word learning*

Presenting Author: **Chen Yu**, UT Austin
Sara E Schroer: UT Austin; **Chen Yu**: University of Texas at Austin

P1-T-70-1470 *The Emergence of the Other Accent Effect in Talker Recognition*

Presenting Author: **Madeleine Yu**, University of Toronto
Madeleine Yu: University of Toronto; **Elizabeth Johnson**: University of Toronto

P1-U-71-1251 *High Similarity Comparison Experience Helps Japanese- and English-speaking Children Learn New Verbs*

Presenting Author: **Jane B. Childers**, Trinity University
Jane B. Childers: Trinity University; **Mutsumi Imai**: Keio University

P1-U-72-1932 *Losing the thread: How 3- and 5-year-olds predict the outcome of a story when non-literal language is used to update events.*

Presenting Author: **Claire Prendergast**, University of Oslo
Claire Prendergast: University of Oslo

P1-U-73-2189 *Common words, uncommon meanings: Evidence for widespread gender differences in word meaning.*

Presenting Author: **Simon De Deyne**, University of Melbourne
Simon De Deyne: University of Melbourne; **Sophie Warner**: University of Melbourne; **Andrew Perfors**: University of Melbourne

P1-U-74-2598 *Twelve-month-olds can imagine objects they have never seen and learn their names*

Presenting Author: **Elena Luchkina**, Northwestern University
Elena Luchkina: Northwestern University; **Sandra Waxman**: Northwestern University

P1-V-75-2461 *WAX: A Dataset for Word Association eXplanations*

Presenting Author: **Chunhua Liu**, The University of Melbourne
Chunhua Liu: The University of Melbourne; **Trevor Cohn**: The University of Melbourne; **Simon De Deyne**: University of Melbourne; **Lea Frermann**: University of Melbourne

P1-V-76-1663 *Literary metaphors in a foreign language: their processing and aesthetic appreciation*

Presenting Author: **Monika Płużyczka**, University of Warsaw
Monika Płużyczka: University of Warsaw

P1-V-77-1082 *What can MINERVA2 tell us about 'killing hope'? Investigating L2 Collocational Processing with a Memory Model*

Presenting Author: **Sydelle de Souza**, University of Edinburgh
Sydelle de Souza: University of Edinburgh; **Ivan Vegner**: University of Edinburgh; **Leonidas A. A. Doumas**: University of Edinburgh; **Francis Mollica**: University of Edinburgh

P1-V-78-1436 *Prior Beliefs About the Compatibility of Disjuncts Impact the Exclusivity Implication of Disjunction*

Presenting Author: **Casey D. Felton**, University of California Davis
Casey D. Felton: University of California Davis; **Masoud Jasbi**: UC Davis

P1-V-79-1360 *Leveraging Neural Networks for Feature Selection in Sentence Processing Models*

Presenting Author: **Hailin Hao**, University of Southern California
Hailin Hao: University of Southern California

P1-V-80-2495 *Distributional Language Models and Representing Multiple Kinds of Semantic Relations*

Presenting Author: **Jingfeng Zhang**, University of Illinois Urbana Champaign
Jingfeng Zhang: University of Illinois Urbana Champaign; **Jon Willits**: University of Illinois at Urbana-Champaign

P1-W-81-1186 *Language in the Time of COVID: Sensitivity of Linguistic Alignment to Conversation Type and Communication Modality*

Presenting Author: **Veronica Romero**, University of Connecticut
Alexandra Paxton: University of Connecticut; **Tahiya Chowdhury**: Colby College; **Veronica Romero**: Colby College

P1-W-82-2178 *Implicit Causality in Chinese Verbs: The Correlations between Bilingualism and Theory of Mind*

Presenting Author: **Ying-Chien Wang**, National Cheng Kung University
Ying-Chien Wang: National Cheng Kung University; **SSU-YU CHEN**: National Cheng Kung University; **Shin Yu Liu**: National Cheng Kung University; **I CHENG WU**: National Cheng Kung University; **Shu-Ling Peng**: National Cheng Kung University; **Po-Sheng Huang**: National Taiwan University of Science and Technology; **Jon-Fan Hu**: National Cheng Kung University

P1-W-83-2134 *Do Toddlers Rely On a Process-of-Elimination or a Novelty Bias in Ambiguous Word Learning Contexts?*

Presenting Author: **Emma L. Axelsson**, University of Newcastle
Emma L. Axelsson: University of Newcastle; **Jessica Horst**: University of Sussex; **Samantha Playford**: University of Newcastle; **Amanda I. Winiger**: The Australian National University

P1-X-84-1029 *Intended and Perceived Sarcasm Between Close Friends: What Triggers Sarcasm and What Gets Conveyed?*

Presenting Author: **Hyewon Jang**, University of Konstanz
Hyewon Jang: University of Konstanz; **Bettina Braun**: Department of Linguistics; **Diego Frassinelli**: University of Konstanz

P1-X-85-2544 *Transparency in Sign Language Animal Signs*

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

P1-Y-86-1455 *The consequences of preparing for informative or distracting stimuli*

Presenting Author: **Tal Makovski**, The Open University of Israel
Tal Makovski: The Open University of Israel; **Roy Shoval**: The Open University of Israel

P1-Y-87-2346 *Perceived time varies with different predicted attributes*

Presenting Author: **Shamini Warda**, Indian Institute of Technology Bombay
Shamini Warda: Indian Institute of Technology Bombay; **Azizuddin Khan**: Indian Institute of Technology Bombay, India

P1-Y-88-2524 *Influence of Curriculum Structure on Early Skill Learning during a Virtual Throwing Task*

Presenting Author: **Rebecca Frater-Baird**, Macquarie University
Rebecca Frater-Baird: Macquarie University; **Gaurav Patil**: Macquarie University; **Michael J Richardson**: Macquarie University; **Patrick Nalepka**: Macquarie University

P1-Y-89-2670 *Distinct patterns of proactive and reactive inhibition in the human motor system*

Presenting Author: **Evan J. Livesey**, University of Sydney
Evan Livesey: University of Sydney; **Illeana Prieto**: The University of Sydney; **A. Ross Otto**: McGill University; **Dominic Tran**: The University of Sydney

P1-Z-90-1739 *Evaluating Visual Number Discrimination in Deep Neural Networks*

Presenting Author: **Ivana Kajic**, DeepMind
Ivana Kajic: DeepMind; **Aida Nematzadeh**: DeepMind

P1-Z-91-1895 *Grounded physical language understanding with probabilistic programs and simulated worlds*

Presenting Author: **Cedegao Zhang**, Massachusetts Institute of Technology
Cedegao Zhang: Massachusetts Institute of Technology; **Lionel Wong**: Massachusetts Institute of Technology; **Gabriel Grand**: MIT; **Josh Tenenbaum**: MIT

P1-Z-92-2305 *A Benchmark for Modeling Violation-of-Expectation in Physical Reasoning Across Event Categories*

Presenting Author: **Jiafei Duan**, Massachusetts Institute of Technology
Arijit Dasgupta: Massachusetts Institute of Technology; **Jiafei Duan**: University of Washington; **Yi Lin**: New York University; **Suhua Wang**: University of California Santa Cruz; **Renee Baillargeon**: University of Illinois at Urbana-Champaign; **Cheston Tan**: A*STAR

P1-Z-93-2316 *Excess Capacity Learning*

Presenting Author: **Marina Dubova**, Indiana University
Marina Dubova: Indiana University; **Sabina Johanna Sloman**: University of Manchester

P1-BB-94-1169 *Examining Mechanisms Underlying the Ability to Form Paradigmatic Associations*

Presenting Author: **Hyungwook Yim**, Hanyang University
Hyungwook Yim: Hanyang University; **Simon Dennis**: The University of Melbourne; **Woori Bae**: Hanyang University

P1-BB-95-1909 *Experience-Dependent Representational Change During Motor Skill Learning*

Presenting Author: **Jonathan S. Daniels**, Princeton University
Jonathan Daniels: Princeton University; **Hoi Kan**: Vanderbilt University; **Casey Lew-Williams**: Princeton University; **Jordan Taylor**: Princeton University

P1-CC-96-2501 *A lurking bias: Representativeness of users across social media and its implications for sampling bias in cognitive science*

Presenting Author: **Valtteri Vuorio**, University of Edinburgh
Valtteri Vuorio: University of Edinburgh; **Zachary Horne**: University of Edinburgh

P1-EE-97-1589 *Scent of Poetry: Influence of Olfactory Imagery during Haiku Appreciation on Aesthetic Evaluation*

Presenting Author: **Jimpei Hitsuwari**, Kyoto University
Jimpei Hitsuwari: Kyoto University; **Takechika Hayashi**: Kyoto University; **Katarina Woodman**: Kyoto University; **Xingting Liu**: Kyoto University; **Kaya Takeura**: Kyoto University; **Saki Nishida**: Kyoto University; **Mii TO**: Kyoto University; **Michio Nomura**: Kyoto University

P1-EE-98-1873 *Manipulating the face contour reduces overall recognition performance for scrambled faces*

Presenting Author: **Siobhan McCourt**, University of Exeter
Siobhan McCourt: University of Exeter; **IPL McLaren**: University of Exeter; **Ciro Civile**: University of Exeter

P1-EE-99-1898 *Bilingual Exposure Affects Face Recognition in 9-Month-Old Infants Raised in a Multi-Ethnic City*

Presenting Author: **Ricarda Brieke**, University College London
Ricarda Brieke: University College London; **Lasana Harris**: University College London; **Makeba Wilbourn**: Duke University; **Natasha Kirkham**: Birkbeck, University of London

P1-EE-100-1902 *Relating aesthetic-value judgment to perception: An eye-tracking and computational study of Japanese art Ukiyo-e*

Presenting Author: **Yuka Nojo**, The University of Tokyo
Yuka Nojo: The University of Tokyo; **Tomoyuki Maekawa**: Keio University; **Yuri Sato**: Ochanomizu University; **Kazuhiro Ueda**: The University of Tokyo

P1-EE-101-1962 *A common oblique bias in perception and action*

Presenting Author: **Sami Yousif**, University of Pennsylvania
Sami R Yousif: University of Pennsylvania; **Samuel David McDougle**: Yale University

P1-EE-102-2472 *Relation between Perceptual Entropy and Symbolic Numeral Representation*

Presenting Author: **Hyekyung Park**, The Ohio State University
Hyekyung Park: The Ohio State University

P1-EE-103-2650 *Improving neural saliency prediction with a cognitive model of human visual attention*

Presenting Author: **Improving Neural Saliency Prediction with a Cognitive Model of Human Visual Attention**, University of Stuttgart
Ekta Sood: University of Stuttgart; **Lei Shi**: University of Stuttgart; **Matteo Bortoletto**: University of Stuttgart; **Yao Wang**: University of Stuttgart; **Philipp Müller**: DFKI GmbH; **Andreas Bulling**: University of Stuttgart

P1-EE-104-1035 *Important Clues that Facilitate Visual Emergence: Three Psychological Experiments*

Presenting Author: **Hui Wei**, Fudan University
Jingmeng Li: Fudan University; **Hui Wei**: Fudan University

P1-EE-105-2367 *Active Predictive Coding: A Unified Neural Framework for Learning Hierarchical World Models for Perception and Planning*

Presenting Author: **Rajesh Rao**, University of Washington
Rajesh P. N. Rao: University of Washington; **Dimitrios Christoforos Gklezakos**: University of Washington; **Vishwas Sathish**: University of Washington

P1-FF-106-2400 *Anaphoric Structure Emerges Between Neural Networks*

Presenting Author: **Nicholas Edwards**, The University of Edinburgh
Nicholas Edwards: The University of Edinburgh; **Hannah Rohde**: University of Edinburgh; **Henry Coxe-Conklin**: University of Edinburgh

P1-FF-107-1080 *Task Variation in Scalar Implicature Computation*

Presenting Author: **Zhuang Qiu**, The Chinese University of Hong Kong
Zhuang Qiu: The Chinese University of Hong Kong; **Casey D. Felton**: University of California Davis; **Zachary Nicholas Houghton**: University of California, Davis; **Masoud Jasbi**: UC Davis

P1-FF-109-2596 *What inferences do people actually make upon encountering informationally redundant utterances? An individual differences study*

Presenting Author: **Margarita Ryzhova** and **Alexandra Mayn**, Saarland University
Margarita Ryzhova: Saarland University; **Alexandra Mayn**: Saarland University; **Vera Demberg**: Saarland University

P1-JJ-110-1440 *Censor Detection: Detecting and adjusting for sample bias*

Presenting Author: **Saoirse Connor Desai**, University of Sydney
Saoirse Connor Desai: University of Sydney; **Charles Kemp**: University of Melbourne; **Brett Hayes**: University of New South Wales

P1-JJ-111-1823 *A one-second wait improves judgment accuracy: A mouse tracking reveals cognitive processes during choice behaviors*

Presenting Author: **Masaru Shirasuna**, Otemon Gakuin University
Masaru Shirasuna: Otemon Gakuin University; **Rina Kagawa**: University of Tsukuba; **Hidehito Honda**: Otemon Gakuin University

P1-JJ-112-2459 *Intuitions about physical scenes and objects are preserved in Virtual Reality (VR)*

Presenting Author: **Peter Zhu**, Stanford University
Peter Zhu: Stanford University; **Kanishk Gandhi**: Stanford University; **Yixing Wang**: Stanford University; **Steven Le**: Stanford University; **Jiajun Wu**: Stanford University; **Hyowon Gweon**: Stanford University

P1-LL-113-1605 *Perceptual Strength Norms for 510 Japanese Words, Including Ideophones: A Comparative Study with English*

Presenting Author: **Hinano Iida**, Nagoya University
Hinano Iida: Nagoya University; **Kimi Akita**: Nagoya University

P1-LL-114-2017 *Divergence in Word Meanings and its Consequence for Communication*

Presenting Author: **Yuguang Duan**, University of Wisconsin-Madison
Yuguang Duan: University of Wisconsin-Madison; **Gary Lupyan**: University of Wisconsin – Madison

P1-LL-115-2438 *Large-scale Network Analyses Reveal Cross-Language Differences in Semantic Structures: A Comparative Study*

Presenting Author: **Yingying Peng**, Basque Center on Cognition, Brain and Language

Qihui Xu: Basque Center on Cognition, Brain and Language; **Yingying PENG**: The Hong Kong Polytechnic University; **Ping Li**: The Hong Kong Polytechnic University

P1-MM-116-1336 *People have systematic expectations linking social relationships to patterns of reciprocal altruism*

Presenting Author: **Alicia M. Chen**, MIT

Alicia M Chen: MIT; **Rebecca Saxe**: MIT

P1-MM-117-1428 *Violation of epistemic expectations: children are surprised when unlikely sources possess unexpected knowledge*

Presenting Author: **Aaron Chuey**, Stanford University

Aaron Chuey: Stanford University; **Julian Jara-Ettinger**: Yale University; **Hyowon Gweon**: Stanford University

P1-MM-118-1708 *The Relationship Between Teaming Behaviours and Joint Capacity of Hybrid Human-Machine Teams*

Presenting Author: **Laiton Hedley**, University of Newcastle

Laiton G Hedley: University of Newcastle; **Murray S Bennett**: University of Texas San Antonio; **Jonathon Love**: University of Newcastle; **Joseph Houpt**: University of Texas San Antonio; **Scott Brown**: University of Newcastle; **Ami Eidels**: University of Newcastle

P1-MM-119-2223 *Predicting intentions: How do we predict other's action intentions?*

Presenting Author: **Ayeh Alhasan**, Macquarie University

Ayeh Alhasan: Macquarie University; **Michael J Richardson**: Macquarie University; **Nathan Caruana**: Macquarie University; **Emily S. Cross**: University of Glasgow

P1-MM-120-2224 *Coupled - for better or worse? How do coordination dynamics shape group performance?*

Presenting Author: **Lynden Miles**, University of Western Australia

Lynden K. Miles: University of Western Australia; **Margaret Macpherson**: University of Western Australia; **Jamie S. Allsop**: Kilgore College

P1-MM-121-2585 *The Entropy of Communication Turn Taking during a Collaborative Problem Solving Task*

Presenting Author: **Hamish F. Stening**, Macquarie University

Hamish Stening: Macquarie University; **Jayna Lee**: Macquarie University; **Jan Groeschel**: Macquarie University; **Michael J Richardson**: Macquarie University; **Rachel W. Kallen**: Macquarie University

POSTER SESSION 2:

FRIDAY, JULY 28TH 12:30 - 13:45

P2-A-123-1319 *The Effect of Response Suggestion on Dialog Flow: Analysis Based on Dialogue Act and Initiative*

Presenting Author: **Minami Inoue**, Keio University

Minami Inoue: Keio University; **Tomoyuki Maekawa**: Keio University; **Ryoichi Shibata**: Keio University; **Michita Imai**: 3-14-1 Hiyoshi

P2-A-124-1524 *Modeling Reliance on XAI Indicating Its Purpose and Attention*

Presenting Author: **Akihiro Maehigashi**, Shizuoka University

Akihiro Maehigashi: Shizuoka University; **Yosuke Fukuchi**: National Institute of Informatics; **Seiji Yamada**: National Institute of Informatics

P2-A-125-1927 *Humans vs. AI in Detecting Vehicles and Humans in Driving Scenarios*

Presenting Author: **Alice Yumeng Yang**, University of Hong Kong

Alice Yang: University of Hong Kong; **Guoyang Liu**: The University of Hong Kong; **Yunke Chen**: The University of Hong Kong; **Ruoxi Qi**: University of Hong Kong; **Jindi Zhang**: Huawei; **Janet Hsiao**: University of Hong Kong

P2-A-126-2144 *How do People Perceive Collaborative Conversational Agents?*

Presenting Author: **James Simpson**, Macquarie University

James Simpson: Macquarie University; **Patrick Nalepka**: Macquarie University; **Hamish Stening**: Macquarie University; **Mark Dras**: Macquarie University; **Rachel W. Kallen**: Macquarie University; **Deborah Richards**: Macquarie University; **Michael J Richardson**: Macquarie University

P2-A-127-2458 *Comparing AI planning algorithms with humans on the Tower of London task*

Presenting Author: **Chenyuan Zhang**, University of Melbourne

Chenyuan Zhang: University of Melbourne; **Nir Lipovetzky**: The University of Melbourne; **Charles Kemp**: University of Melbourne

P2-A-128-1306 *Individual differences in explanation strategies for image classification and implications for explainable AI*

Presenting Author: **Ruoxi Qi**, University of Hong Kong

Ruoxi Qi: University of Hong Kong; **Yueyuan Zheng**: University of Hong Kong; **Yi Yang**: Huawei; **Jindi Zhang**: Hong Kong Research Center, Huawei; **Janet Hsiao**: University of Hong Kong

P2-C-129-1782 *Human music perception ability is not a sexually dimorphic trait*

Presenting Author: **Mila Bertolo**, McGill University

Mila Bertolo: McGill University; **Mila Bertolo**: McGill University; **Mila Bertolo**: University of Montreal; **Mila Bertolo**: Yale University; **Daniel Müllensiefen**: Goldsmiths, University of London; **Isabelle Peretz**: University of Montreal; **Sarah Cushing Woolley**: McGill University; **Jon Sakata**: McGill University; **Samuel Mehr**: University of Auckland; **Samuel Mehr**: Yale University

P2-C-130-2046 *The joint evolution of sensory systems and decision policy allows cognition*

Presenting Author: **Cameron Rouse Turner**, Princeton University
Cameron Rouse Turner: Princeton University; **Thomas Morgan**: Arizona State University; **Tom Griffiths**: Princeton University

P2-D-131-1427 *Epistemic language in news headlines affects readers' perceptions of objectivity*

Presenting Author: **Aaron Chuey**, Stanford University
Aaron Chuey: Stanford University; **Yiwei Luo**: Stanford University; **Ellen M Markman**: Stanford University

P2-D-132-1477 *An eye-tracking study on the audience reception and processing of English-Chinese swearwords in films*

Presenting Author: **Qihang Jiang**, University of New South Wales
Qihang Jiang: University of New South Wales

P2-D-133-1816 *Loaded Language and Conspiracy Theories on Reddit and Parler*

Presenting Author: **Emily Klein**, Rensselaer Polytechnic Institute
Emily Klein: Rensselaer Polytechnic Institute; **James Hendler**: RPI; **Jen Golbeck**: University of Maryland

P2-D-134-1779 *Supreme Court Oral Arguments by Amicus Curiae: A comparative analysis*

Presenting Author: **Eyal Sagi**, University of St. Francis
Eyal Sagi: University of St. Francis

P2-D-135-2267 *The categorization mechanism in queer linguistics: A study on discourses of Chinese LGB youth*

Presenting Author: **Xiaoyu Chen**, Department of English
Xiaoyu Chen: Department of English; **Yu Deng**: Sichuan International Studies University

P2-F-136-1425 *Coexistence Reasoning about Misfortune During COVID-19 is Associated with Positive Psychological Well-Being*

Presenting Author: **Hannah Lunkenheimer**, The University of Texas at Austin
Hannah Lunkenheimer: The University of Texas at Austin; **Claire White**: California State University Northridge

P2-F-137-1586 *A computational framework for responsibility judgments from counterfactual simulations and intention inferences*

Presenting Author: **Sarah A Wu**, Stanford University
Sarah A Wu: Stanford University; **Shruti Sridhar**: Stanford University; **Tobias Gerstenberg**: Stanford University

P2-F-138-1595 *Revisiting Causal Pluralism: Intention, Process, and Dependency in Cases of Double Prevention*

Presenting Author: **Huseina Thanawala**, The University of Auckland
Huseina Thanawala: The University of Auckland; **Christopher D. Erb**: University of Auckland

P2-F-139-2422 *How Beliefs Influence Perceptions of Choices*

Presenting Author: **Samantha Kleinberg**, Stevens Institute of Technology
Samantha Kleinberg: Stevens Institute of Technology; **Elena Korshakova**: Stevens Institute of Technology; **Jesseca K. Marsh**: Lehigh University

P2-F-140-2494 *Question Framing Modulates the Cause Density and Effect Density Biases in Causal Illusions*

Presenting Author: **Andrew Camara**, University of Sydney
Andrew Michael Camara: University of Sydney; **Evan Livesey**: University of Sydney

P2-F-141-1044 *Quantifying the Utility of Causal Models for Decision-Making*

Presenting Author: **Elena Korshakova**, Stevens Institute of Technology
Elena Korshakova: Stevens Institute of Technology; **Jesseca K. Marsh**: Lehigh University; **Samantha Kleinberg**: Stevens Institute of Technology

P2-G-142-1526 *Reinforcement learning models of tradeoffs between infant attachment and curiosity*

Presenting Author: **Xi Jia Zhou**, Stanford University
Xi Jia Zhou: Stanford University; **Frieda Rong**: Stanford University; **Michael C. Frank**: Stanford University; **Nick Haber**: Stanford

P2-G-143-1514 *Does visual working memory rely on categorical and verbal neural representations?*

Presenting Author: **Joana Pereira Seabra**, Humboldt University
Joana Pereira Seabra: Humboldt University; **Vivien Chopurian**: Humboldt Universität zu Berlin; **Andreea-Maria Gui**: Humboldt University; **Thomas B. Christophel**: Humboldt University

P2-G-144-2092 *Explicit strategies for sensorimotor learning depend on task complexity*

Presenting Author: **Vikranth Rao Bejjanki**, Hamilton College
Vikranth Rao Bejjanki: Hamilton College; **Elizabeth Gaillard**: Hamilton College; **Maya Taliaferro**: Hamilton College; **Jordan Taylor**: Princeton University

P2-G-145-2321 *Sophisticated parent language is linked to high-frequency neural activity in preschoolers*

Presenting Author: **Diana C Lopera-Perez**, Boston University
Diana C Lopera-Perez: Boston University; **Ashley St. John**: Boston University; **Amanda Tarullo**: Boston University

P2-G-146-2392 *Altered grid-like coding in early blind people during imagined navigation*

Presenting Author: **Federica Sigismondi**, Centre for Mind/Brain Sciences (CIMEC)

Federica Sigismondi: Centre for Mind/Brain Sciences (CIMEC); **Yangwen Xu**: University of Trento; **Mattia Silvestri**: University of Trento; **Roberto Bottini**: University of Trento

P2-G-147-1925 *Neurobehavioral symptomatology predicts response times during target detection but not the P300: a multi-method study of mild traumatic brain injury*

Presenting Author: **Antonio Allevato**, University of Texas at San Antonio

Antonio Allevato: University of Texas at San Antonio; **Tara L Flaughner**: University of Texas at San Antonio; **Rocio Norman**: University of Texas Health Science Center San Antonio; **Nicole Wicha**: University of Texas at San Antonio

P2-H-148-1734 *Using Motion Capture Technology in the Study of Non-verbal Communication*

Presenting Author: **Stawomir Waciewicz**, Nicolaus Copernicus University in Toruń

Michael Pleyer: Nicolaus Copernicus University in Toruń; **Marek Placiński**: Nicolaus Copernicus University in Toruń; **Marta Sibierska**: Nicolaus Copernicus University in Toruń; **Slawomir Waciewicz**: Nicolaus Copernicus University in Toruń; **Monika Boruta-Zywiczynska**: Nicolaus Copernicus University in Toruń; **Przemyslaw Zywiczynski**: Nicolaus Copernicus University in Toruń

P2-H-149-1861 *Behavioural changes in the interaction between child with autism spectrum disorder and mother through the Comprehensive Care Humanity™ intervention*

Presenting Author: **Miyuki Iwamoto**, Kyoto University

Miyuki Iwamoto: Kyoto University; **Atsushi Nakazawa**: Kyoto University; **Miwako Honda**: Tokyo Medical Center; **Sakiko Yoshikawa**: Kyoto University of the Arts; **Toshihiro Kato**: Kyoto University; **Yves Gineste**: Tokyo Medical Center

P2-H-150-2192 *Behavioral dynamics of conversation and (mis)communication in noisy environments*

Presenting Author: **Kelly Miles**, Macquarie University

Kelly Miles: Macquarie University; **Adam Weisser**: Macquarie University; **Manuel Varlet**: The MARCS Institute for Brain, Behaviour and Development; **Rachel Kallen**: Macquarie University; **Michael J Richardson**: Macquarie University; **Jörg M Buchholz**: Macquarie University

P2-H-151-1376 *Investigating Conversational Dynamics in Human-Robot Interaction with fMRI*

Presenting Author: **Ekaterina Torubarova**, KTH Royal Institute of Technology

Ekaterina Torubarova: KTH Royal Institute of Technology; **Caroline Arvidsson**: Stockholm University; **Julia Uddén**: Stockholm University; **Andre Pereira**: KTH Royal Institute of Technology

P2-H-152-2476 *Degree of heterogeneity in the contexts of language users mediates the cognitive-communicative trade-off in semantic categorization*

Presenting Author: **Kenny Smith** (if in-person) / **Vlad Nedelcu** (if virtual), University of Edinburgh

Vlad C Nedelcu: University of Edinburgh; **Kenny Smith**: University of Edinburgh; **Daniel Lassiter**: The University of Edinburgh

P2-K-154-1865 *Common and distinct neural bases for rule- and similarity-based category learning*

Presenting Author: **Sophia W. Deng**, University of Macau

Christy Li: University of Macau; **Yinghao Sun**: University of Macau; **Sophia W Deng**: University of Macau

P2-K-155-2453 *The role of maker identity and intent in the evaluation of artifacts and works of art*

Presenting Author: **Erica Dharmawan**, The University of British Columbia

Erica Dharmawan: The University of British Columbia; **Billy Lam**: The University of British Columbia; **David Geoffrey Hall**: The University of British Columbia

P2-K-156-1966 *Evidence for Heuristic Evidence Weighting in Real-World Beliefs*

Presenting Author: **Vincent Frigo**, UW-Madison

Vincent Frigo: UW-Madison; **Timothy T Rogers**: University of Wisconsin- Madison

P2-K-157-2266 *Semantic relatedness and retrieval from semantic memory*

Presenting Author: **Andrew Florez**, University of Illinois Urbana-Champaign

Andrew Z. Flores: University of Illinois Urbana-Champaign; **Jon Willits**: University of Illinois at Urbana-Champaign

P2-K-158-2403 *Dynamic Information Sampling via Rapid Sequential Storage and Recurrence*

Presenting Author: **Mengcun Gao**, The Ohio State University

Mengcun Gao: The Ohio State University; **Robert Ralston**: The Ohio State University; **Vladimir Sloutsky**: The Ohio State University

P2-M-159-1441 *Prime time to buy: an analysis of a televised Dutch Auction*

Presenting Author: **Garston Liang**, University of Newcastle

Garston Liang: University of Newcastle; **Quentin Gronau**: University of Newcastle; **Ami Eidels**: University of Newcastle; **Scott Brown**: University of Newcastle

P2-M-160-1522 *Learning traps lead to change blindness in dynamic environments*

Presenting Author: **Won Jae Lee**, University of New South Wales

Won Jae Lee: University of New South Wales; **Amy X. Li**: University of New South Wales; **Jaimie E Lee**: University of New South Wales; **Brett Hayes**: University of New South Wales

P2-M-161-1671 *How do communicative goals guide which data visualizations people think are effective?*

Presenting Author: **Holly Huey**, University of California, San Diego
Holly Huey: University of California, San Diego; **Lauren A Oey**: University of California, San Diego; **Hannah Lloyd**: University of California, San Diego; **Judith E. Fan**: University of California, San Diego

P2-M-162-1682 *Does “never” implicate a larger reward than “possible”? : Risk-reward correlation in verbal probability phrases*

Presenting Author: **Kuninori Nakamura**, Faculty of Social Innovation Seijo
Kuninori Nakamura: Faculty of Social Innovation Seijo

P2-M-163-1176 *Cross-dimensional contextual effects in decision under risk*

Presenting Author: **Yilong Lu**, Peking University
Yilong Lu: Peking University; **Yangfan Lu**: Peking University; **Hang Zhang**: Peking University

P2-M-164-1790 *Machine learning-based measure of cognitive complexity explains variance in economic preferences*

Presenting Author: **Monica Van**, Toyota Research Institute
Shabnam Hakimi: Toyota Research Institute; **Yan-Ying Chen**: Toyota Research Institute; **Monica P Van**: Toyota Research Institute; **Scott Carter**: Toyota Research Institute; **Emily Sumner**: Toyota Research Institute; **Nayeli Suseth Bravo**: Toyota Research Institute; **Kalani Murakami**: Toyota Research Institute; **Yanxia Zhang**: Toyota Research Institute; **Charlene C. Wu**: Toyota Research Institute; **Matthew Klenk**: Toyota Research Institute

P2-M-165-1854 *Development of Metacognition in Multi-Choice Decision Making*

Presenting Author: **Cate MacColl**, University of Queensland
Cate MacColl: University of Queensland; **Jonathan Redshaw**: University of Queensland

P2-M-166-2345 *To each their own theory: Exploring the limits of individual differences in decisions under risk*

Presenting Author: **Marina Mancoridis**, Princeton University
Joshua Peterson: Princeton University; **Marina Mancoridis**: Princeton University; **Tom Griffiths**: Princeton University

P2-M-167-2094 *Quantum Sequential Sampler: a dynamical model for human probability reasoning and judgments*

Presenting Author: **Jiaqi Huang**, Indiana University
Jiaqi Huang: Indiana University; **Jerome Busemeyer**: Indiana University; **Zo Ebel**: City, University of London; **Emmanuel Pothos**: City, University of London

P2-N-168-1059 *A 100-year retrospective study: Asset-based Perspective of Adoptees’ Academics*

Presenting Author: **Tamara Turski**, University of Delaware
Tamara Turski: University of Delaware; **Stephanie Del Tufo**: University of Delaware

P2-N-169-1634 *Infant Perception of Pitch Contour in Music and Speech*

Presenting Author: **Sachiyo Kajikawa**, Tamagawa University
Sachiyo Kajikawa: Tamagawa University; **Asami Yoshimura**: Tamagawa University; **Mao Sawamizu**: Yamaha Music Foundation

P2-N-170-2430 *Preschool children reason about third-party goals when evaluating acoustic environments*

Presenting Author: **Rondeline M. Williams**, Stanford University
Rondeline M. Williams: Stanford University; **Michael C. Frank**: Stanford University

P2-O-171-1699 *What is graph comprehension and how do you measure it?*

Presenting Author: **Hannah Lloyd**, University of California, San Diego
Hannah Lloyd: University of California, San Diego; **Holly Huey**: University of California, San Diego; **Erik Brockbank**: University of California San Diego; **Lace Padilla**: UC Merced; **Judith E. Fan**: University of California, San Diego

P2-P-172-1674 *Embodied Transgender Interactions: Exploring Dyadic Interpersonal Coordination and Decision Making in Virtual Reality*

Presenting Author: **Cassandra L. Crone**, Macquarie University
Cassandra L. Crone: Macquarie University; **Gaurav Patil**: Macquarie University; **Grace Chamberlin**: Macquarie University; **Kyle Aspinall**: Macquarie University; **Michael J Richardson**: Macquarie University; **Rachel W. Kallen**: Macquarie University

P2-P-173-1872 *Interlimb Transfer of Proprioceptive Recalibration and Effect of Body Posture*

Presenting Author: **Miki Matsumuro**, Ritsumeikan University
Miki Matsumuro: Ritsumeikan University; **Hikari Kobayashi**: Ritsumeikan University; **Takeru Ebato**: RITSUMEIKAN UNIVERSITY; **Ayaka Matsushita**: Ritsumeikan University; **Fumihisa Shibata**: Ritsumeikan University; **Asako Kimura**: Ritsumeikan Univ.

P2-P-174-2047 *Generating body images from distributed word representation*

Presenting Author: **Junya Morita**, Shizuoka University
Kosuke Sasaki: Shizuoka University; **Jumpei Nishikawa**: Shizuoka University; **Junya Morita**: Shizuoka University

P2-P-175-2052 *Exploring the Dynamics of Cognitive Control using Virtual Reality*

Presenting Author: **Samara Holly Morrison**, University of Auckland
Samara Morrison: University of Auckland; **Christopher D. Erb**: University of Auckland; **Matthew D Egbert**: University of Auckland; **Max Gurr**: University of Auckland; **Alexandra Nicholson-Brown**: University of Auckland; **Dana Lee**: University of Auckland

P2-Q-176-1200 *The Effects of Age on Facial Recognition of Autisms*

Presenting Author: **Mei-Ling Chen**, National Cheng Kung University

Mei-Ling Chen: National Cheng Kung University; **HUA FENG**: Graduate Institute of Rehabilitation Counseling; **TSE MING Chen**: Graduate Institute of Rehabilitation Counseling; **Po-Sheng Huang**: National Taiwan University of Science and Technology; **Shu-Ling Peng**: National Cheng Kung University; **Jon-Fan Hu**: National Cheng Kung University

P2-Q-177-1629 *Linguistic Distancing and Emotion Regulation in English and Spanish*

Presenting Author: **Lena Kassin**, Reed College

Lena Kassin: Reed College; **Andries Castellano**: Reed College; **Enriqueta Canseco-Gonzalez**: Reed College; **Kevin J. Holmes**: Reed College

P2-Q-178-2211 *More Than Mere Words: Emoji-Induced Positivity Bias in Lexical Processing*

Presenting Author: **Demian Stoianov**, Macquarie University

Demian Stoianov: Macquarie University; **Nenagh Kemp**: University of Tasmania; **Signy Wegener**: Macquarie University; **Lisi Beyersmann**: Macquarie University

P2-Q-179-1897 *Preference for Happy Faces in Emotion-based Attentional Priority in Visual Short Term Memory*

Presenting Author: **Divya Pathak**, Indian Institute of Technology, Kanpur

Divya Pathak: Indian Institute of Technology, Kanpur; **Narayanan Srinivasan**: Indian Institute of Technology

P2-S-180-1874 *Associations Between Cognitive Performance and Extreme Expertise in Different Competitive eSports*

Presenting Author: **Noah Phillips**, Rensselaer Polytechnic Institute

Noah Phillips: Rensselaer Polytechnic Institute; **C. Shawn Green**: University of Wisconsin-Madison

P2-S-181-1545 *Fight Bias with Bias: Two Interventions for Mitigating the Selective Avoidance of Clicking Uncongenial Facts*

Presenting Author: **Yuko Tanaka**, Nagoya Institute of Technology

Yuko Tanaka: Nagoya Institute of Technology; **Hiromi Arai**: RIKEN; **Miwa Inuzuka**: Tokyo Gakuji University; **Yoichi Takahashi**: Tohoku University; **Minao Kukita**: Nagoya University; **Kentaro Inui**: Tohoku University

P2-T-182-1308 *A small increase in interactivity boosts language learning in a virtual environment*

Presenting Author: **Olga Feher**, University of Warwick

Sara Morales-Izquierdo: University of Warwick; **Olga Feher**: University of Warwick

P2-T-183-1654 *Priming Children's Interpretation of Globally Ambiguous Sentences*

Presenting Author: **Emily Atkinson**, University of Toronto Mississauga

Emily Atkinson: University of Toronto Mississauga

P2-T-184-1660 *A fifty year retrospective investigation: Does written code-switching impact language outcomes in bilingual children?*

Presenting Author: **Irene Izaguirre Post**, University of Delaware

Irene Izaguirre Post: University of Delaware; **Stephanie Del Tufo**: University of Delaware

P2-T-185-1791 *The Key is Comparison: How Children Learn Verbs When Confronted with Referential Ambiguity*

Presenting Author: **Jane B. Childers**, Trinity University

Zoe Baker: Trinity University; **Jane B. Childers**: Trinity University

P2-T-186-2281 *Analysing the Impact of Audio Quality on the use of Naturalistic Long-Form Recordings for Infant-Directed Speech Research*

Presenting Author: **María Andrea Cruz Blandón**, Tampere University

María Andrea Cruz Blandón: Tampere University; **Alejandrina Cristia**: ENS, EHESS, Centre National de la Recherche Scientifique PSL Research University; **Okko Räsänen**: Tampere University

P2-T-187-1729 *Not all complex disjunctions are alike: On inclusive and conjunctive interpretations in child Romanian*

Presenting Author: **Bleotu**, Adina Camelia; Panaitescu, Mara, University of Bucharest

Adina Camelia Bleotu: University of Bucharest; **Rodica Ivan**: Acuity Insights; **Andreea C Nicolae**: ZAS; **Gabriela Bîlbîie**: University of Bucharest; **Anton Benz**: Leibniz-Centre General Linguistics, ZAS; **Mara Panaitescu**: University of Bucharest; **Lyn Tieu**: University of Toronto

P2-T-188-1487 *On learning a new grammar and vocabulary in adolescence*

Presenting Author: **Monica Barbir**, The University of Tokyo

Monica Barbir: The University of Tokyo; **Sho Tsuji**: The University of Tokyo

P2-U-189-1364 *Exploring the effects of prosocial behaviour priming on preschooler's accent comprehension, selective word learning, and preferences towards unfamiliar accented speakers*

Presenting Author: **Madison Beth MacLachlan**, Dalhousie University

Madison MacLachlan: Dalhousie University; **Yara Yazbek**: Dalhousie University; **Rebeka Workye**: Dalhousie University; **Emma Tupper**: Dalhousie University; **Drew E Weatherhead**: Dalhousie University

P2-U-190-1691 *Mixed results testing categorization in infants using a preferential-looking paradigm on Zoom*

Presenting Author: **Apoorva Shivaram**, Northwestern University
Apoorva Shivaram: Northwestern University; **Mary Youkhanna**: Western Sydney University; **Susan Hespos**: Western Sydney University

P2-U-191-2183 *Word Prediction in Context: An Empirical 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

P2-U-192-2574 *Language Shifts the Representation of Sounds in Time: From Auditory Individuals to Auditory Ensembles*

Presenting Author: **Julia Ongchoco**, University of Pennsylvania
Julia Ongchoco: University of Pennsylvania; **Tyler Knowlton**: University of Pennsylvania; **Anna Papafragou**: University of Pennsylvania

P2-U-193-2576 *Social contingency facilitates infants' vocabulary growth above and beyond language input and attentional spotlighting*

Presenting Author: **Elena Luchkina**, Northwestern University
Elena Luchkina: Northwestern University; **Fei Xu**: UC Berkeley

P2-U-194-2678 *Will children learn English faster if their native language is similar to English?*

Presenting Author: **Wei Li**, Boston College
Heesu Yun: Boston College; **Wei Li**: Boston College; **Zonggui Li**: Boston College; **Joshua K Hartshorne**: Boston College

P2-U-196-2377 *The Effects of Phonological and Semantic Similarity on Early Word Recognition*

Presenting Author: **Armando Quetzalcóatl Angulo-Chavira**, UNAM
Armando Quetzalcóatl Angulo Chavira: UNAM; **Natalia Arias-Trejo**: Universidad Nacional Autónoma de México, UNAM; **Kim Plunkett**: University of Oxford

P2-U-197-2439 *Do gender/sex stereotypes shape early social interactions and development?*

Presenting Author: **Ewa Marta Nagórska**, University of Warsaw
Ewa Marta Nagórska: University of Warsaw; **Alicja Dobrzykowska**: University of Warsaw; **Joanna Rączaszek-Leonardi**: University of Warsaw

P2-W-198-1371 *Contrastiveness in the context of action demonstration: an eye-tracking study on its effects on action perception and action recall*

Presenting Author: **Amit Singh**, Paderborn University
Amit Singh: Paderborn University; **Katharina Rohlfing**: Paderborn University

P2-W-199-1564 *Time-pressure Does Not Alter the Bias Towards Canonical Interpretation of Quantifiers*

Presenting Author: **Ruben Daniel Potthoff**, Netherlands Cancer Institute
Ruben Potthoff: Netherlands Cancer Institute; **Sonia Ramotowska**: Heinrich-Heine-Universität Düsseldorf; **Jakub Szymanik**: University of Trento; **Leendert van Maanen**: Utrecht University

P2-W-200-1578 *Single words aren't processed in isolation: Effects of associate meanings on lexical and semantic processing*

Presenting Author: **Emiko J Muraki**, University of Calgary
Emiko Muraki: University of Calgary; **Penny M Pexman**: University of Calgary

P2-W-201-1847 *Implicit Causality in Chinese Verbs: The Process of Chinese Causal Verbs*

Presenting Author: **SSU-Yu Chen**, National Cheng Kung University
SSU-Yu Chen: National Cheng Kung University; **Ying-Chien Wang**: National Cheng Kung University; **Shin Yu Liu**: National Cheng Kung University; **I CHENG WU**: National Cheng Kung University; **Shu-Ling Peng**: National Cheng Kung University; **Po-Sheng Huang**: National Taiwan University of Science and Technology; **Jon-Fan Hu**: National Cheng Kung University

P2-W-202-2250 *Individual Differences in Preferred Thought Formats Predict Features of Narrative Recall*

Presenting Author: **Ana Chkhaidze**, UC San Diego
Ana Chkhaidze: UC San Diego; **Seana Coulson**: UC San Diego; **Anastasia Kiyonaga**: UC San Diego

P2-W-203-1497 *Effects of bilingualism on inhibition unlikely- Evidence from a Bayesian Inquiry*

Presenting Author: **Moulshree Rana**, Indian Institute of Technology Kanpur India
Moulshree Rana: Indian Institute of Technology Kanpur India; **Ark Verma**: Indian Institute of Technology Kanpur

P2-W-204-2161 *The role of morphosyntactic cues on anticipatory sentence processing within a rich visual context: Evidence from Eye-tracking*

Presenting Author: **Dato Abashidze**, The Leibniz-Centre General Linguistics (ZAS)
Dato Abashidze: The Leibniz-Centre General Linguistics (ZAS); **Angela Schmidt**: Leibniz-Zentrum Allgemeine Sprachwissenschaft; **Zurab Okropiridze**: Tbilisi State University

P2-X-205-1207 *Spontaneous co-speech gestures reflect linguistic structures*

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

P2-X-206-1985 *M & M: Modifiers and their Effect on Memory in Younger and Older Adults*

Presenting Author: **Alyssa Thompson** and **Raheleh Saryazdi**, University of Iowa

Alyssa Thompson: University of Iowa; **Raheleh Saryazdi**: KITE-Toronto Rehabilitation Institute, University Health Network; **Si On Yoon**: University of Iowa

P2-Y-208-1056 *Learned-predictiveness, not valence, modulates time perception*

Presenting Author: **Rashmi Gupta**, Indian Institute of Technology Bombay

Rashmi Gupta: Indian Institute of Technology Bombay

P2-Y-209-1393 *Testing the Effectiveness of Augmenting Perceptual Training With Annotations and Steps in a Difficult Visual Discrimination Task*

Presenting Author: **Jessica Marris**, University of Melbourne

Jessica Marris: University of Melbourne; **Andrew Perfors**: University of Melbourne; **Robert N Gibson**: Royal Melbourne Hospital; **Frank Gaillard**: University of Melbourne; **Piers Howe**: University of Melbourne

P2-Y-210-1809 *Prediction and learning under unsignalled changing contexts*

Presenting Author: **Laura Wall**, The University of Newcastle

Laura Wall: The University of Newcastle; **Quentin Gronau**: University of Newcastle; **Gavin Cooper**: University of Newcastle; **Guy Hawkins**: University of Newcastle; **Scott Brown**: University of Newcastle; **Juanita Todd**: The University of Newcastle

P2-Y-211-2444 *Classification of Rule Learning Phases in Inductive Reasoning*

Presenting Author: **Catherine M. Arrington**, University of Pittsburgh

Deniz Sonmez Unal: University of Pittsburgh; **Theresa G. Mowad**: Lehigh University; **Alicia Howell-Munson**: Worcester Polytechnic Institute; **Erin Walker**: University of Pittsburgh; **Erin Solovey**: Worcester Polytechnic Institute; **Catherine M. Arrington**: Lehigh University

P2-Z-212-2559 *Physion++: Evaluating Physical Scene Understanding with Objects Consisting of Different Physical Attributes in Humans and Machines*

Presenting Author: **Hsiao-Yu Tung**, Massachusetts Institute of Technology

Hsiao-Yu Tung: Massachusetts Institute of Technology; **Mingyu Ding**: University of California, Berkeley; **Zhenfang Chen**: MIT-IBM Watson AI Lab; **Sirui Tao**: University of California San Diego; **Vedang Lad**: Massachusetts Institute of Technology; **Daniel M Bear**: Stanford University; **Chuang Gan**: MIT-IBM Watson AI Lab; **Josh Tenenbaum**: MIT; **Daniel Yamins**: Stanford University; **Judith E. Fan**: Stanford University; **Kevin A Smith**: Massachusetts Institute of Technology

P2-Z-213-1359 *Do Transformers Show Human-Like Sensitivity to Syntactic Embedding Depth?*

Presenting Author: **Hailin Hao**, University of Southern California

Hailin Hao: University of Southern California

P2-Z-214-1529 *Scaffolding Deep Reinforcement Learning Agents using Dynamical Perceptual-Motor Primitives*

Presenting Author: **Gaurav Patil**, Macquarie University

Gaurav Patil: Macquarie University; **Patrick Nalepka**: Macquarie University; **Hamish Stening**: Macquarie University; **Rachel W. Kallen**: Macquarie University; **Michael J Richardson**: Macquarie University

P2-Z-215-1108 *PAGAE: Improving Graph Autoencoder by Dual Enhanced Adversary*

Presenting Author: **Yinghao Song**, China Unicom Digital Technology Co., Ltd.

Gongju Wang: China Unicom Digital Technology Co., Ltd.; **Mengyao Li**: China Unicom Digital Technology Co., Ltd.; **Hanbin Feng**: China Unicom Digital Technology Co., Ltd.; **Long Yan**: China Unicom Digital Technology Co., Ltd.; **Yulun Song**: China Unicom Digital Technology Co., Ltd.; **Yang Li**: China Unicom Digital Technology Co., Ltd.; **Yinghao Song**: China Unicom Digital Technology Co., Ltd.

P2-Z-216-2668 *Large Language Models as Informative Goal Priors in a Bayesian Theory of Mind*

Presenting Author: **Tan Zhi-Xuan**, Massachusetts Institute of Technology

Tan Zhi-Xuan: Massachusetts Institute of Technology; **Paul Stefan Lunis**: University of Central Florida; **Nathalie Fernandez Echeverri**: University of Maryland; **Vikash Mansinghka**: MIT; **Josh Tenenbaum**: MIT

P2-AA-217-1995 *Measuring the rapid acquisition and integration of structured knowledge*

Presenting Author: **Brynn E Sherman**, University of Pennsylvania

Brynn E Sherman: University of Pennsylvania; **Elizabeth M. Siefert**: University of Pennsylvania; **Anna Schapiro**: University of Pennsylvania

P2-AA-218-2185 *Can you help me? Using others to offload cognition*

Presenting Author: **Kristy L Armitage**, The University of Queensland

Kristy L Armitage: The University of Queensland; **Jonathan Redshaw**: University of Queensland

P2-AA-219-1152 *Temporal asymmetries in inferring unobserved past and future events*

Presenting Author: **Xinming Xu**, Dartmouth College

Xinming Xu: Dartmouth College; **Ziyan Zhu**: Peking University; **Jeremy Manning**: Dartmouth College

P2-AA-220-2340 *A memory for goals model of prospective memory*

Presenting Author: **Greg Trafton**, Naval Research Laboratory

Greg Trafton: Naval Research Laboratory; **Anthony Harrison**: US Naval Research Lab

P2-EE-221-1521 *Expert Mathematicians Experience Multi-Modal Visualizations that Develop Across Time*

Presenting Author: **David Landy**, Stanford University

Eleanor Brower Schille-Hudson: Stanford University; **David Landy**: Netflix

P2-EE-222-1541 *Self-relevance Facilitates Attention to Self-associated Targets on Feature-based Selective Attention Tasks*

Presenting Author: **Ashleigh Vella**, The University of Queensland

Ashleigh Vella: The University of Queensland; **Dragan Rangelov**: The University of Queensland; **David K Sewell**: The University of Queensland; **Timothy Ballard**: The University of Queensland; **Ada Kritikos PhD**: University of Queensland

P2-EE-223-1645 *Praxis, Demonstration and Pantomime: A Motion Capture Investigation of Differences in Action Performances*

Presenting Author: **Przemyslaw Zywickzynski**, Nicolaus Copernicus University

Przemyslaw Zywickzynski: Nicolaus Copernicus University; **Marek Placiński**: Nicolaus Copernicus University in Toruń; **Sławomir Wacewicz**: Nicolaus Copernicus University; **Marta Sibierska**: Nicolaus Copernicus University; **Peter Gärdenfors**: Lund University; **Monika Boruta-Zywickzynska**: Nicolaus Copernicus University

P2-EE-224-1836 *Physically salient stimuli capture attention despite external motivation to ignore*

Presenting Author: **Dr. Poppy Watson**, Monash University

Justin Mahlberg: Monash University; **Daniel Pearson**: University of Sydney; **Mike Le Pelley**: UNSW Sydney; **Poppy Watson**: UNSW Sydney

P2-EE-225-2123 *Capacity for movement is an organisational principle in object representations*

Presenting Author: **Sophia M. Shatek**, University of Sydney

Sophia M Shatek: University of Sydney; **Amanda K. Robinson**: University of Queensland; **Tijl Grootswagers**: Western Sydney University; **Thomas A. Carlson**: University of Sydney

P2-EE-226-2154 *Using face averages to measure differential accuracy for demographic groups in facial recognition*

Presenting Author: **James Dunn**, UNSW Sydney

James Dunn: UNSW Sydney; **David White**: UNSW Sydney

P2-EE-227-2186 *Do you say what you hear? Perception-production link of a phoneme contrast in Singapore Mandarin*

Presenting Author: **Hannah L. Goh**, Nanyang Technological University

Hannah L. Goh: Nanyang Technological University; **Suzy J. Styles**: Nanyang Technological University

P2-EE-228-2342 *Individuation, Categorization, and the Other-Race Effect in Face Recognition*

Presenting Author: **Daniel Guilbert**, Macquarie University

Daniel Guilbert: Macquarie University; **Sachiko Kinoshita**: Macquarie University; **Kim Curby**: Macquarie University

P2-EE-229-1089 *Quantifying the Effect of Visual Impairments on Daily Activities in Virtual, Interactive Environments*

Presenting Author: **Wensi Ai**, Stanford University

Wensi Ai: Stanford University; **Sharon Lee**: Stanford University; **Li Fei-Fei**: Stanford University; **Jiajun Wu**: Stanford University; **Ruohan Zhang**: Stanford University

P2-EE-230-1830 *The hemisphere-specific processing that links visual perception to cognition*

Presenting Author: **Alex Holcombe**, University of Sydney

Alex Holcombe: University of Sydney

P2-GG-231-1797 *Do Prospective Confidence Ratings Enhance Problem-Solving?*

Presenting Author: **Kit S. Double**, University of Sydney

Kit S Double: University of Sydney; **Damian Birney**: University of Sydney

P2-HH-233-1365 *Perimetric complexity is a valid index for the subjective complexity of Japanese characters*

Presenting Author: **Sae Shiraishi**, Tokyo Metropolitan University

Sae Shiraishi: Tokyo Metropolitan University; **Taketo Saito**: Tokyo Metropolitan University; **Hiroki Higuchi**: NTT Communication Science Laboratories; **Kazuya Inoue**: Tokyo Metropolitan University; **Tessei Kobayashi**: NTT Communication Science Laboratories

P2-HH-234-1715 *Reading Print vs. on Screen: How Do Format and Text Type Influence Our Ability To Locate Information in Text?*

Presenting Author: **Aisha Futura Tüchler**, University of Latvia

Aisha Futura Tüchler: University of Latvia; **Kate Cain**: Lancaster University

P2-HH-235-1893 *Exploring the relationships between reading instruction and individual differences in a computational model of reading*

Presenting Author: **Ching-En Kuo**, National Cheng Kung University

Ching-En Kuo: National Cheng Kung University; **Yu-Ting Shi**: National Cheng Kung University; **Wei-Fen Lin**: National Cheng Kung University; **Ya-Ning Chang**: Miin Wu School of Computing, National Cheng Kung University

P2-HH-236-2232 *Does enlarging font size facilitate English word and sentence reading in children as beginning readers?*

Presenting Author: **Weiyan Liao**, University of Hong Kong

Weiyan Liao: University of Hong Kong; **Janet Hsiao**: University of Hong Kong

P2-HH-237-2428 *Outcome of Globalization: Evidence for a Second Language Advantage in Reading and Comprehension from An Eye Tracking Study*

Presenting Author: **Niket Agarwal**, Indian Institute of Technology Kanpur

Akshan Agrawal: Indian Institute of Technology Kanpur ; **Niket Agrawal**: Indian Institute of Technology; **Ark Verma**: Indian Institute of Technology Kanpur

P2-JJ-238-1414 *Reasoning with online and offline knowledge*

Presenting Author: **Branden J Bio**, NRC Postdoctoral Fellow

Branden J Bio: NRC Postdoctoral Fellow; **Sangeet Khemlani**: Naval Research Laboratory

P2-JJ-239-2152 *Exploring Functions of Relational Monitoring: Relational Integration and Interference Control*

Presenting Author: **Yueting Zhan**, the University of Sydney

Yueting Zhan: the University of Sydney; **Damian Birney**: University of Sydney

P2-MM-240-1190 *Children's Representations of Events: Categorizing Leadership*

Presenting Author: **Laura Lakusta**, Montclair State University

Laura Lakusta: Montclair State University; **Yeyson Quevedo**: Montclair State University; **Christy Vrushi**: Montclair State University; **Jennifer D Bragger**: Montclair State University

P2-MM-241-1773 *Adults' Event Representations: Categorizing Servant Leadership*

Presenting Author: **Dr. Laura Lakusta**, Montclair State University

Jennifer D Bragger: Montclair State University; **Lauren N Hunt**: Montclair State University; **Rachel Helisch**: Montclair State University; **Zuzanna Mysko**: Montclair State University; **Lucas Kozas**: Montclair State University; **Katherine Parlitsis**: Montclair State University; **Fayza Abbasi**: Montclair State University; **Shania Morales**: Montclair State University; **Jahniya Stone-Taylor**: Montclair State University; **Laura Lakusta**: Montclair State University

P2-MM-242-1860 *Investigating age-related changes in adults' cue-integration: An eye-tracking study*

Presenting Author: **Xiaoqian Li**, Singapore University of Technology and Design

Xiaoqian Li: Singapore University of Technology and Design; **Nina Ni Ye**: Singapore University of Technology and Design; **Wei Quin Yow**: Singapore University of Technology and Design

P2-MM-243-2246 *Online communication to the ingroup and the outgroup: the role of identity in the "what" and "why" of information sharing*

Presenting Author: **Viola Pucci**, The University of Melbourne

Viola Pucci: The University of Melbourne; **Yoshihisa Kashima**: University of Melbourne; **Andrew Perfors**: University of Melbourne

P2-MM-244-2344 *Cognitive diversity in context: US-China developmental trajectories on 4 tasks in 3-12yos*

Presenting Author: **Alexandra Carstensen**, UC San Diego

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

P2-MM-245-1543 *Investigating the Influence of Partner Gaze on the Relationship Between Interpersonal Coordination and Social Anxiety*

Presenting Author: **Margaret Catherine Macpherson**, University of Western Australia

Margaret Macpherson: University of Western Australia; **Amber Jade Brown**: University of Western Australia; **Rachel W. Kallen**: Macquarie University; **Michael J Richardson**: Macquarie University; **Lynden K. Miles**: University of Western Australia

P2-MM-246-1685 *The Effects of Refutative Elements in Others' Comments on Accepting Health-Related Fallacious Claims*

Presenting Author: **Miwa Inuzuka**, Tokyo Gakugei University

Miwa Inuzuka: Tokyo Gakugei University; **Yuko Tanaka**: Nagoya Institute of Technology; **Kazunori Fujimoto**: Kindai University

P2-MM-247-2118 *Selective imitation on the basis of reward function similarity*

Presenting Author: **Max Taylor-Davies**, University of Edinburgh

Max Louis Taylor-Davies: University of Edinburgh; **Stephanie Droop**: University of Edinburgh; **Chris Lucas**: University of Edinburgh

P2-MM-248-2137 *Dynamic integration between self and other of social bargaining across the life span*

Presenting Author: **Shanshan Zhen**, City University of Hong Kong

Shanshan Zhen: City University of Hong Kong

P2-QQ-249-2147 *The representational dynamics of food in the human brain*

Presenting Author: **Denise Moerel**, University of Sydney

Denise Moerel: University of Sydney; **James Psihoyos**: University of Sydney; **Thomas A. Carlson**: University of Sydney

POSTER SESSION 3:

SATURDAY, JULY 29TH 11:50 - 13:50

P3-A-250-1745 *What are they looking at? Automatic Simultaneous Dyadic Gaze Detection from Videos*

Presenting Author: **Vidya Somashekarappa**, University of Gothenburg

Vidya Somashekarappa: University of Gothenburg; **Aram Karimi**: University of Gothenburg; **Christine Howes**: University of Gothenburg; **Asad Sayeed**: University of Gothenburg

P3-A-251-1999 *A Comparison of Human and Machine Performance in Object Recognition Using The ObjectNet Image Set*

Presenting Author: **R. Gokcek Kul**, University of Plymouth

Gokcek Kul: University of Plymouth; **Andy J Wills**: University of Plymouth

P3-A-252-2125 *Behavioral estimates of conceptual structure are robust across tasks in humans but not large language models*

Presenting Author: **Siddharth Suresh**, University of Wisconsin-Madison

Siddharth Suresh: University of Wisconsin-Madison; **Kushin Mukherjee**: University of Wisconsin-Madison; **Lisa Padua**: Albany State University; **Timothy T Rogers**: University of Wisconsin-Madison

P3-A-253-2201 *A Portrait of Emotion: Empowering Self-Expression through AI-Generated Art*

Presenting Author: **Yoon Kyung Lee**, Seoul National University

Yoon Kyung Lee: Seoul National University; **Yong-Ha Park**: Seoul National University; **Sowon Hahn**: Seoul National University

P3-C-255-2497 *Categorical Learning and the Cognitive Foundations of Language Evolution and Development*

Presenting Author: **Elizabeth Qing Zhang**, Jiangsu Normal University

Elizabeth Qing Zhang: Jiangsu Normal University; **Edward Ruoyang Shi**: Universitat Pompeu Fabra; **Michael Pleyer**: Nicolaus Copernicus University in Toruń

P3-C-256-1316 *Factors in the Presentation Method of Museum Audio Guides Affecting Human Appreciation Behavior*

Presenting Author: **Mari Saito**, Sony Group Corporation

Mari Saito: Sony Group Corporation

P3-C-257-1367 *The Effects of Binge Drinking on Attention in Young Adults.*

Presenting Author: **Dr Lauren A. Monds**, University of Sydney

Matthew Singleton: University of Sydney; **Lauren MONDS**: University of Sydney

P3-C-258-1890 *Exploring the impact of social anxiety on behavioural variability*

Presenting Author: **Amber Jade Brown**, University of Western Australia

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

P3-C-259-2179 *Within-Individual Variation in Cognitive Performance is Not Noise: A Case for Examining Within-Person Variation on Cognitive Assessments*

Presenting Author: **Arabella Vaughan**, University of Sydney

Arabella Vaughan: University of Sydney; **Damian Birney**: University of Sydney

P3-C-260-1094 *Investigating design of running man in emergency signage*

Presenting Author: **Vaishnavi Kancharla**, International Institute of Information Technology Hyderabad

Vaishnavi kancharla: International Institute of Information Technology Hyderabad; **Prudhvi Pulapa**: international institute of information technology; **Priyanka Srivastava**: International Institute of Information Technology, Hyd; **Raman Saxena**: International Institute of Information Technology

P3-C-261-2369 *Metacognition in architectural design*

Presenting Author: **Kinda Al Sayed**, University of Sussex

Kinda Al Sayed: University of Sussex; **Peter Cheng**: University of Sussex

P3-E-262-2060 *Cognitive Primitives and Bayesian Number Word Learning*

Presenting Author: **Zach Savelson**, Carleton University

Sean Riley: Carleton University; **Zachary M. Savelson**: Carleton University; **Raj Singh**: Carleton University

P3-F-263-1388 *Intuitive theories of moral progress*

Presenting Author: **Casey Lewry**, Princeton University

Casey Lewry: Princeton University; **Sana Asifriyaz**: Princeton University; **Tania Lombrozo**: Princeton University

P3-F-264-1491 *The formation of superstitions in an uncontrollable environment*

Presenting Author: **Haoyang Lu**, Peking University

Haoyang Lu: Peking University; **Tianyuan Teng**: Peking University; **Hang Zhang**: Peking University

P3-G-266-1411 *Omniscience errors in mental state reasoning*

Presenting Author: **Branden J Bio**, NRC Postdoctoral Fellow

Branden J Bio: NRC Postdoctoral Fellow; **Sangeet Khemlani**: Naval Research Laboratory

P3-G-267-1743 *Developmental and Individual Differences in Predicting Algebra Performance and Learning from Student Fraction Knowledge*

Presenting Author: **Julie L. Booth**, Temple University
Julie L. Booth: Temple University

P3-G-268-2005 *Counterfactuals and mental time travel*

Presenting Author: **Sarah R Beck**, University of Birmingham
Sarah R Beck: University of Birmingham; **Chloe Anne Morris**: The University of Birmingham

P3-G-269-2462 *Cognitive Flexibility Or Flexibilities? New Insights From A Classroom Study*

Presenting Author: **Laure Baudier**, CY Cergy Paris University
Laure Baudier: CY Cergy Paris University; **Hippolyte Gros**: CY Cergy Paris University; **Evelyne Clément**: CY Cergy Paris University

P3-G-270-1307 *Investigation into Approximate Number System: Cognitive Underpinnings and Relationship with Arithmetic Fluency*

Presenting Author: **Ankit Mishra**, Indian Institute of Technology Bombay
Ankit Mishra: Indian Institute of Technology Bombay; **Azizuddin Khan**: Indian Institute of Technology Bombay, India

P3-G-271-1576 *Executive Functioning skills in young Mexicans with Down syndrome during the COVID-19 Pandemic*

Presenting Author: **Julia B. Barrón-Martínez**, National Autonomous University of Mexico
Julia B. Barrón-Martínez: National Autonomous University of Mexico; **Judith Salvador-Cruz**: National Autonomous University of Mexico

P3-G-272-2089 *Driving Habits of a Cohort of Older Canadians: A COMPASS-ND Study*

Presenting Author: **Raheleh Saryazdi**, KITE-Toronto Rehabilitation Institute, UHN
Raheleh Saryazdi: KITE-Toronto Rehabilitation Institute, UHN; **Stephanie Yung**: KITE- Toronto Rehabilitation Institute, UHN; **April Emily Pereira**: University of Waterloo; **Gary Naglie**: Baycrest Centre; **Mark J. Rapoport**: Sunnybrook Health Sciences Centre; **Elaine Stasiulis**: Baycrest Centre; **Natalie Phillips**: Concordia University; **Margaret Kathleen Pichora-Fuller**: University of Toronto; **Walter Wittich**: University of Montreal; **Jennifer Campos**: Toronto Rehabilitation Institute

P3-K-273-1133 *In search of proxy measures of falsifiability of operational definitions: A cognitive linguistic perspective*

Presenting Author: **Anna Yi Leung**, LMU Klinikum, Ludwig-Maximilians-University of Munich
Anna Yi Leung: LMU Klinikum, Ludwig-Maximilians-University of Munich; **Xenia Schmalz**: LMU Klinikum, Ludwig-Maximilians-University of Munich

P3-K-275-1856 *Decoupling between categorization and attention optimization: An eye-tracking study*

Presenting Author: **Sophia W. Deng**, University of Macau
Grace Liao: University of Macau; **Christy LI**: University of Macau; **Sophia W Deng**: University of Macau

P3-K-276-2021 *Uniform Patterns in Spatial Representations of Abstract Information Are Predicted by Sense of Direction and Spatial Habits of Mind*

Presenting Author: **Mitchell E Munns**, UC Santa Barbara
Mitchell Eric Munns: UC Santa Barbara; **Joanne E Stasiak**: University of California, Santa Barbara; **Mary Hegarty**: University of California, Santa Barbara

P3-K-277-2429 *Yours and Ours: Individual and Group Differences in Semantic Organization from Triplet Judgements of Faces*

Presenting Author: **Ivette Colón**, University of Wisconsin - Madison
Y. Ivette Colon: University of Wisconsin - Madison; **Timothy T Rogers**: University of Wisconsin - Madison

P3-K-278-1679 *Teleology and generics*

Presenting Author: **Siying Zhang**, Stanford
David Rose: Stanford; **Siying Zhang**: Stanford University; **Qi Han**: Stanford University; **Tobias Gerstenberg**: Stanford University

P3-K-279-2237 *What's new in a name? Chinese people's perception of the renaming of COVID-19*

Presenting Author: **Mengru Han**, East China Normal University
Mengru Han: East China Normal University; **Yan Gu**: University of Essex

P3-K-280-1952 *What's the matter with 'reasonable'?*

Presenting Author: **Lucien Baumgartner**, University of Zurich
Lucien Baumgartner: University of Zurich; **Markus Kneer**: University of Zurich

P3-K-281-2187 *Pareidolia and Upper Palaeolithic Art: Piloting an Interdisciplinary VR Experiment*

Presenting Author: **Isobel Wisher**, Aarhus University
Isobel Wisher: Aarhus University

P3-L-282-1349 *How WEIRD is Cognitive Science?*

Presenting Author: **Guilherme Sanches de Oliveira**, Technische Universität Berlin
Guilherme Sanches de Oliveira: Technische Universität Berlin; **Edward Baggs**: University of Southern Denmark

P3-L-283-1407 *Cultural Differences in the Effect of Mask Use on Face and Facial Expression Recognition*

Presenting Author: **Yueyuan Zheng**, University of Hong Kong
Yueyuan Zheng: University of Hong Kong; **Sarah de la Harpe**: University of Western Australia; **Angeline Y Yang**: UC Berkeley; **William G Hayward**: Lingnan University; **Romina Palermo**: University of Western Australia; **Janet Hsiao**: University of Hong Kong

P3-L-284-1544 *Recognizing Emotional Cues in Word Content versus Facial Expression: A Cross-cultural Comparison*

Presenting Author: **Yang Yang**, National Institute of Education, Nanyang Technological University

Yang Yang: National Institute of Education, Nanyang Technological University; **Corina Möller**: Saarland University; **Steffi Lim**: Nanyang Technological University; **Kelly Adelia**: National Institute of Education, Nanyang Technological University; **Qi Wang**: Cornell University

P3-M-285-1196 *Illusory truth effect of health-related products: Importance of knowledge and interest*

Presenting Author: **Kazuya Inoue**, Tokyo Metropolitan University
Kazuya Inoue: Tokyo Metropolitan University; **Haruka Funakoshi**: Tokyo Metropolitan University

P3-M-286-1476 *A Model to Describe How Cognitive Processes Vary Over Time: The Across Trial Diffusion Model*

Presenting Author: **Manikya Alister**, The University of Melbourne
Manikya Alister: The University of Melbourne; **Nathan J Evans**: University of Queensland

P3-M-287-1504 *Environment-sensitive generalization and exploration strategies*

Presenting Author: **Fien Goetmaeckers**, Ghent University
Fien Ruth Goetmaeckers: Ghent University; **Charley M Wu**: University of Tübingen; **Tom Verguts**: Ghent University; **Senne Braem**: Ghent University

P3-M-288-1507 *Modeling the subjective value of monetary outcomes under risk and delay: gains, losses, and choice-price reversals*

Presenting Author: **Anderson Fitch**, University of Florida
Anderson Fitch: University of Florida; **Peter Kvam**: University of Florida

P3-M-289-1616 *Cognitive limitation or sophistication? Probability matching, wavy recency, and underweighting of rare events are associated with pattern search*

Presenting Author: **Christin Schulze**, Max Planck Institute for Human Development
Christin Schulze: Max Planck Institute for Human Development; **Ori Plonsky**: Technion - Israel Institute of Technology; **Kinneret Teodorescu**: Technion - Israel Institute of Technology

P3-M-290-1687 *Does visual metacognition differ based on perspective?*

Presenting Author: **Dr Hayley J. Cullen**, University of Newcastle
Hayley Cullen: University of Newcastle

P3-M-291-1700 *The Effect of Offloading Tools on Complex Decision-Making: Evidence from Laboratory Experiments*

Presenting Author: **Juan Pablo Franco**, The University of Melbourne

Ian Wang: The University of Melbourne; **Peter Boyang Wu**: The University of Melbourne; **Min Shiuang Lee**: The University of Melbourne; **Juan Pablo Franco**: The University of Melbourne

P3-M-292-1829 *Prospective versus reactive strategies in microworld performance*

Presenting Author: **Richard W. Morris**, University of Sydney
Richard W Morris: University of Sydney; **Kit S Double**: University of Sydney; **Arabella Vaughan**: University of Sydney; **Damian Birney**: University of Sydney

P3-M-293-2255 *Real-world convenience shapes laboratory food choices even when irrelevant*

Presenting Author: **Hyuna Cho**, University of Toronto
Hyuna Cho: University of Toronto; **Cendri Hutcherson**: University of Toronto

P3-M-294-2540 *Fermi problems as tools for understanding number generation and Benford's law*

Presenting Author: **Bruce D. Burns**, The University of Sydney
Bruce Burns: The University of Sydney

P3-M-295-1198 *The Impact of the Balance between Trust in Advice and Confidence in Human Judgment on Advice Utilization*

Presenting Author: **Rina Kagawa**, University of Tsukuba
Rina Kagawa: University of Tsukuba; **Hidehito Honda**: Otemon Gakuin University; **Hirokazu Nosato**: National Institute of Advanced Industrial Science and Technology (AIST)

P3-M-296-1680 *Effective utilization of anchor-biased estimates for the wisdom of crowds*

Presenting Author: **Hidehito Honda**, Otemon Gakuin University
Hidehito Honda: Otemon Gakuin University; **Rina Kagawa**: University of Tsukuba; **Masaru Shirasuna**: Otemon Gakuin University

P3-M-298-2644 *Comparing serial reproduction and serial prediction of random walk*

Presenting Author: **Jiaqi Huang**, Indiana University
Jiaqi Huang: Indiana University; **Jerome Busemeyer**: Indiana University

P3-M-299-2697 *Towards a model of confidence judgements*

Presenting Author: **Tracey Mills**, Cedegao Zhang, Tony Chen, MIT
Tracey Mills: MIT; **Cedegao Zhang**: Massachusetts Institute of Technology; **Tony Chen**: MIT; **Josh Tenenbaum**: MIT

P3-O-300-1118 *Note-taking during and after class: which strategies for which method?*

Presenting Author: **Salomé Cojean**, Univ. Grenoble Alpes
Salomé Cojean: Univ. Grenoble Alpes; **Manon Grand**: Univ. Grenoble Alpes; **Nicolas Martin**: LIG

P3-O-301-1342 *Children's Scientific and Religious Thinking in Indonesia*

Presenting Author: **Florencia Anggoro**, College of the Holy Cross
Florencia Anggoro: College of the Holy Cross; **Benjamin Jee**: Worcester State University; **Jesse Peregrino**: University of Texas at Austin; **Alejandro Erut**: University of Texas at Austin; **Cristine Legare**: University of Texas at Austin

P3-O-302-2310 *Teacher Cognition: A Model of How Teachers Build Distributed and Enactive Narratives, to Generate and Finetune Mechanism Concepts in Student Minds*

Presenting Author: **Pranshi Upadhyay**, Tata Institute of Fundamental Research
Pranshi Upadhyay: Tata Institute of Fundamental Research; **Joseph Salve**: Homi Bhabha Centre for Science Education; **Mashood KK**: Tata Institute of Fundamental Research; **Sanjay Chandrasekharan**: Tata Institute of Fundamental research

P3-P-303-1494 *Inhibited Breathing and Suffocation in Relationships: Embodied Cognition in the Context of COVID Masks*

Presenting Author: **Nurit Tal-Or**, Univ. of Haifa
Nurit Tal-Or: Univ. of Haifa; **Irene Razpurker-Apfeld**: Zefat Academic College

P3-P-304-2509 *Expectation, Representation, and Enactivism*

Presenting Author: **Jean Charles Pelland**, University of Bergen
Jean Charles Pelland, University of Bergen

P3-P-305-2570 *Looking at image schemas: Combinations and modifications*

Presenting Author: **Teenie Matlock**, UC Merced
Michael Spivey: UC Merced; **Teenie Matlock**: University of California, Merced

P3-P-306-1572 *Observing Gestures During L2 Word Learning Facilitates Implicit Differentiation Between Unfamiliar Speech Sounds and Word Meanings*

Presenting Author: **Laura M. Morett**, University of Alabama
Laura M. Morett: University of Alabama

P3-Q-307-1399 *Influence of relative position between two persons on heart rates*

Presenting Author: **Kae Mukai**, Faculty of Science and Engineering
Kae Mukai: Faculty of Science and Engineering; **Tomoko Isomura**: Graduate school of Informatics; **Ryoji Onagawa**: Faculty of Science and Engineering; **Katsumi Watanabe**: Faculty of Science and Engineering

P3-Q-308-1452 *Negative images distract younger adults more than older adults regardless of their task relevance*

Presenting Author: **Briana L Kennedy**, University of Western Australia
Briana Kennedy: University of Western Australia; **Mara Mather**: USC

P3-Q-309-1801 *Peeking into family dynamics: The negative impacts of valuing emotion control*

Presenting Author: **Regina N Ebo**, UC Berkeley
Regina N Ebo: UC Berkeley

P3-Q-310-1846 *Emotion recognition in cartoon scenes: The differences in gazing strategy between autistic and typical children*

Presenting Author: **Shin Yu Liu**, National Cheng Kung University
Shin Yu Liu: National Cheng Kung University; **Ying-Chien Wang**: National Cheng Kung University; **SSU-YU CHEN**: National Cheng Kung University; **TSE MING Chen**: National Changhua University of Education; **HUA FENG**: National Cheng Kung University; **I CHENG WU**: National Cheng Kung University; **Shu-Ling Peng**: National Cheng Kung University; **Po-Sheng Huang**: National Taiwan University of Science and Technology; **Jon-Fan Hu**: National Cheng Kung University

P3-Q-311-2109 *Temporal Context and the Experience and Memory of Art*

Presenting Author: **Gabriel Radvansky**, University of Notre Dame
Daniela Parra: University of Notre Dame; **Sean Dageforde**: University of Notre Dame; **Klaudia Magdalena Malik**: University of Notre Dame; **ROBIN M. JENSEN**: University of Notre Dame; **James R. Brockmole**: University of Notre Dame; **Gabriel A. Radvansky**: University of Notre Dame

P3-Q-312-2172 *Emotion Recognition and Gaze Pattern of Preschool Children with Autism Spectrum Disorders Children*

Presenting Author: **SSU-Yu Chen**, National Cheng Kung University
SSU-Yu Chen: National Cheng Kung University; **Ying-Chien Wang**: National Cheng Kung University; **Shin Yu Liu**: National Cheng Kung University; **TSE MING Chen**: National Changhua University of Education; **HUA FENG**: Graduate Institute of Rehabilitation Counseling; **I CHENG WU**: National Cheng Kung University; **Shu-Ling Peng**: National Cheng Kung University; **Po-Sheng Huang**: National Taiwan University of Science and Technology; **Jon-Fan Hu**: National Cheng Kung University

P3-Q-313-1542 *Irrelevant happy faces facilitate and interfere with inhibitory control under a narrow and a broad scope of attention, respectively.*

Presenting Author: **Shubham Pandey**, Indian Institute of Technology Bombay, Mumbai
Shubham Pandey: Indian Institute of Technology Bombay, Mumbai; **Rashmi Gupta**: IIT Bpmbay

P3-T-314-1375 Agreement affects the interpretation of null arguments in semi-artificial Japanese

Presenting Author: **Naho Orita**, Waseda University

Naho Orita: Waseda University; **Daiko Takahashi**: Tohoku University; **Hiromu Sakai**: Waseda University

P3-T-315-1758 Communicative efficiency is present in young children and becomes more adult-like with age

Presenting Author: **Kenny Smith**, University of Edinburgh

Shira Tal: University of Edinburgh; **Kenny Smith**: University of Edinburgh; **Inbal Arnon**: Hebrew University; **Jennifer Culbertson**: University of Edinburgh

P3-T-316-1831 Noun Today, Verb Tomorrow: Differences in the Expressive Noun Inventories of Late Talking and Typically Developing 30-Month-Olds Predicts Expressive Denominal Verb Inventories

Presenting Author: **John P Bunce**, California State University, East Bay

Carley M Biblin: California State University, East Bay; **Katrina Nicholas**: California State University, East Bay; **Christina N. Meyers**: University of Colorado Boulder; **John P Bunce**: California State University, East Bay

P3-T-317-1886 The words children hear and see: Impacts of spoken and written lexical variability on word recognition in Chinese

Presenting Author: **Luan Li**, Ming Song, Jing Wang, Qing Cai, School of Psychology and Cognitive Science, East China Normal University

Luan Li: School of Psychology and Cognitive Science, East China Normal University; **Ming Song**: School of Psychology and Cognitive Science, East China Normal University; **Jing Wang**: School of Psychology and Cognitive Science, East China Normal University; **Qing Cai**: School of Psychology and Cognitive Science, East China Normal University

P3-T-318-1358 The categorization and utility of ambiguity for cross-situational verb learning

Presenting Author: **Spencer Caplan**, University of Texas at Austin

Spencer Caplan: University of Texas at Austin; **Chen Yu**: University of Texas at Austin

P3-T-319-2138 Addressing the Word Gap in Singapore: Growth Trajectory of Vocabulary of Children Growing up in Bi/Multilingual Households

Presenting Author: **Fei Ting Woon**, Nanyang Technological University

Fei Ting Woon: Nanyang Technological University; **Suzy J. Styles**: Nanyang Technological University

P3-V-320-1571 Representation of object state-changes of semantically similar objects

Presenting Author: **Oleksandr V. Horchak**, Iscte-Instituto Universitário de Lisboa

Oleksandr V. Horchak: Iscte-Instituto Universitário de Lisboa; **Margarida V. Garrido**: Iscte-Instituto Universitário de Lisboa

P3-V-321-2072 Unaccusativity, expectation, and reactivation of the subject in sentence comprehension

Presenting Author: **Shinnosuke Isono**, University of Tokyo

Shinnosuke Isono: University of Tokyo; **Yuki Hirose**: University of Tokyo

P3-V-322-1052 Framing Space: Alzheimer's Disease and Object Location in Brazilian Portuguese

Presenting Author: **Jan Edson Rodrigues Leite**, Universidade Federal da Paraíba

Jan Edson Leite: Universidade Federal da Paraíba

P3-V-323-1113 LLMs are pretty strong pragmatic reasoners: Investigating amortized inferences about gradable adjectives in large language models

Presenting Author: **Benjamin Lipkin**, MIT

Benjamin Lipkin: MIT; **Lionel Wong**: Massachusetts Institute of Technology; **Gabriel Grand**: MIT; **Josh Tenenbaum**: MIT

P3-V-324-2528 Psychologically-informed chain-of-thought prompts for metaphor understanding in large language models

Presenting Author: **Ben Prystawski**, Stanford University

Ben Prystawski: Stanford University; **Paul Thibodeau**: Oberlin College; **Christopher Potts**: Stanford University; **Noah Goodman**: Stanford University

P3-V-325-1179 Understanding "Compositionality" in Research on Language Emergence

Presenting Author: **Wiktór Rorot**, University of Warsaw

Wiktór Rorot: University of Warsaw; **Joanna Rączaszek-Leonardi**: University of Warsaw

P3-V-326-1953 How communicative efficiency and social biases shape language in autistic and allistic learners

Presenting Author: **Lauren E F Fletcher**, University of Edinburgh

Lauren E F Fletcher: University of Edinburgh; **Jennifer Culbertson**: University of Edinburgh; **Hugh Rabagliati**: University of Edinburgh

P3-V-327-2485 Diachronic Language Change and Its Influence on Lexico-semantic Representations Across the Lifespan

Presenting Author: **Ellis Cain**, University of California, Merced

Ellis Cain: University of California, Merced; **Rachel Ryskin**: University of California, Merced

P3-W-330-1405 Universal Languages of Thought: LoT is a topos

Presenting Author: **Steven Phillips**, National Institute of Advanced Industrial Science and Technology

Steven Phillips: National Institute of Advanced Industrial Science and Technology

P3-W-331-1447 *Evidence of community structure in phonological networks of various languages*

Presenting Author: **Cynthia S. Q. Siew**, National University of Singapore

Cynthia S.Q. Siew: National University of Singapore; **Jazton Chern**: National University of Singapore; **Nichol Castro**: University at Buffalo

P3-W-332-2504 *A cross-linguistic investigation of possession-transfer and instrument events in language production*

Presenting Author: **Christiana Moser**, University of Toronto

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

P3-W-333-2384 *Phono-semantic prediction during language comprehension: Effects of working memory*

Presenting Author: **Armando Quetzalcóatl Angulo-Chavira**, UNAM

Armando Quetzalcóatl Angulo Chavira: UNAM; **Alejandra Mitzi Castellón-Flores**: Universidad Nacional Autónoma de México; **Hillary López-Santillán**: Universidad Nacional Autónoma de México; **Natalia Arias-Trejo**: Universidad Nacional Autónoma de México, UNAM

P3-Z-334-1208 *Discovering Low-Dimensional Causal Pathways between Multiple Interacting Neuronal Populations*

Presenting Author: **Evangelos Sigalas**, National University of Singapore

Evangelos Sigalas: National University of Singapore; **Thanh Vinh Vo**: National University of Singapore; **Tze Yun Leong**: National University of Singapore; **Camilo Libedinsky**: National University of Singapore

P3-Z-335-1274 *How to Leverage Machine Learning Interpretability and Explainability to Generate Hypotheses in Cognitive Psychology*

Presenting Author: **Mark Fedyk**, UC Davis

Mark Fedyk: UC Davis; **Monika Ray**: University of California Davis

P3-Z-337-2020 *Structural and Processing Equivalences Between Graphical and Vector-based Models of Knowledge Representation*

Presenting Author: **Shufan Mao**, University of Illinois at Urbana Champaign

Shufan Mao: University of Illinois at Urbana Champaign; **Jon Willits**: University of Illinois at Urbana-Champaign

P3-AA-339-1727 *Computational Modeling of Memory Processes in non-CNS Cancer Survivors*

Presenting Author: **Ruben Potthoff**, Netherlands Cancer Institute

Ruben Potthoff: Netherlands Cancer Institute; **Sanne Schagen**: Netherlands Cancer Institute; **Joost Agelink van Rentergem**: Netherlands Cancer Institute

P3-AA-340-2068 *Unpacking how Context Reinstatement aids Memory using Virtual Reality*

Presenting Author: **Griffin E. Koch**, University of Pittsburgh

Griffin E. Koch: University of Pittsburgh; **Marc N Coutanche**: University of Pittsburgh

P3-AA-341-2148 *Exploring the Effect of Recall Direction on False Memories in a DRM Paradigm*

Presenting Author: **Rachael Wynne**, The University of Newcastle

Jemma Bennett: The University of Newcastle; **Rachael Wynne**: The University of Newcastle

P3-AA-342-2508 *Conceptual Integration and Semantic Relational Processing as Study Tasks to Promote Cued-Recall of Word Pairs*

Presenting Author: **Kenneth Kurtz**, Binghamton University

Keith L Sherman: Binghamton University; **Kenneth Kurtz**: Binghamton University

P3-AA-343-2635 *Context Dependent Memory in the Wilds*

Presenting Author: **Yura Choi**, Hanyang University

Yura Choi: Hanyang University; **Kawon Kim**: University of South Dakota; **Sunwoo Moon**: Hanyang University; **Geunseong Jung**: Hanyang University; **Jaehyuk Cha**: Hanyang University; **Hyungwook Yim**: Hanyang University

P3-AA-345-2013 *I Remember Me the best, always? Evidence for Self-Prioritization in Working Memory Binding using a Visuo-Spatial Working Memory Task.*

Presenting Author: **Irfan Ahmad**, Indian Institute of Technology Kanpur

Neelabja Roy: Indian Institute of Technology Kanpur; **Irfan Ahmad**: Indian Institute of Technology Kanpur; **Ark Verma**: Indian Institute of Technology Kanpur

P3-AA-346-2427 *Examination of Developmental Changes in Complexity of Memory Structures*

Presenting Author: **Jiangmeng Wang**, Mengcun Gao, Ohio State University

Jiangmeng Wang: Ohio State University; **Mengcun Gao**: The Ohio State University; **Vladimir Sloutsky**: The Ohio State University

P3-DD-347-2591 *Contrastive neural network reveals the structure of neuroanatomical variation within bilingualism*

Presenting Author: **Wei Li**, Boston College

Wei Li: Boston College; **Aidas Aglinskis**: Boston College; **Joshua K Hartshorne**: Boston College

P3-EE-348-1689 *Finding your (child's) voice: Caregiver identification of familiar child voices*

Presenting Author: **Emily Shroads**, University of Toronto

Emily Shroads: University of Toronto; **Madeleine Yu**: University of Toronto; **Elizabeth Johnson**: University of Toronto

P3-EE-349-1721 *Effect of combination of three human-like objects' directions on choice between the two apertures*

Presenting Author: **Ryosaku Makino**, Waseda University

Ryosaku Makino: Waseda University; **Kentaro Kodama**: Tokyo Metropolitan University; **Takayuki Tomono**: Sapporo Gakuin University; **Katsumi Watanabe**: Waseda University

P3-EE-350-1965 *Do humans visually adapt to number, or just itemhood?*

Presenting Author: **Sami Yousif**, University of Pennsylvania

Sami R Yousif: University of Pennsylvania; **Sam Pablo Clarke**: University of Pennsylvania; **Elizabeth M Brannon**: University of Pennsylvania

P3-EE-351-2153 *Neural Delay & Desynchronization problems for the Simple Brain Time Theory*

Presenting Author: **Rasmus Pedersen**, Faculty of Arts and Social Sciences

Rasmus Pedersen: Faculty of Arts and Social Sciences

P3-EE-352-2202 *A Bayesian account of two visual illusions involving lighthouse beams*

Presenting Author: **Weilun Xu**, University of Melbourne

Weilun Xu: University of Melbourne; **Simon J Cropper**: University of Melbourne; **Charles Kemp**: University of Melbourne

P3-EE-353-2263 *Combining and segmenting geometric shapes into parts depending on symmetry type*

Presenting Author: **Liga Zarina**, University Of Latvia

Liga Zarina: University Of Latvia; **Jurgis Skilters**: University of Latvia; **Solvita Umbrasko**: University of Latvia; **Santa Bartusevica**: University of Latvia

P3-EE-354-2404 *Sampling in Approximate Number Perception*

Presenting Author: **Emily M Sanford**, University of California, Berkeley

Emily M Sanford: University of California, Berkeley; **Steven Piantadosi**: UC Berkeley

P3-EE-355-1728 *Handedness Modulates Spatial Attention – Insights From Individual Variations In Lateralization Of Cognitive Functions*

Presenting Author: **Dr. Ark Verma**, Indian Institute of Technology, Kanpur

Anjoom Alikkam Veetil: Indian Institute of Technology, Kanpur; **Neelabja Roy**: Indian Institute of Technology Kanpur; **Ark Verma**: Indian Institute of Technology Kanpur

P3-EE-356-2110 *“Just In Time” Representations for Mental Simulation in Intuitive Physics*

Presenting Author: **Tony Chen**, MIT

Tony Chen: MIT; **Kelsey R Allen**: MIT; **Samuel J. Cheyette**: MIT; **Josh Tenenbaum**: MIT; **Kevin A Smith**: Massachusetts Institute of Technology

P3-EE-357-2537 *Measuring the completeness of race models for perceptual decision-making*

Presenting Author: **Hariharan Purohit**, Indian Institute of Technology, Kanpur

Anjali Sifar: Indian Institute of Technology, Kanpur; **Hariharan Purohit**: Indian Institute of Technology Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology

P3-HH-358-1395 *Unconscious learning of orthographic regularity*

Presenting Author: **Hiroki Higuchi**, Yifei Li, Kunyoung Park, Kazuya Inoue, Tessei Kobayashi, NTT Communication Science Laboratories

Hiroki Higuchi: NTT Communication Science Laboratories; **Yifei Li**: Tokyo Metropolitan University; **Kunyoung Park**: Tokyo Metropolitan University; **Kazuya Inoue**: Tokyo Metropolitan University; **Tessei Kobayashi**: NTT Communication Science Laboratories

P3-HH-359-1968 *Discriminability of picture book typeface in children*

Presenting Author: **Taketo Saito**, Tokyo Metropolitan University

Taketo Saito: Tokyo Metropolitan University; **Kazuya Inoue**: Tokyo Metropolitan University; **Hiroki Higuchi**: NTT Communication Science Laboratories; **Tessei Kobayashi**: NTT Communication Science Laboratories

P3-HH-360-2447 *Integration of Words to Previous Linguistic Context is Modulated by Vocabulary: An ERP study*

Presenting Author: **Ernesto Guerra**, Universidad de Chile

Ernesto Guerra: Universidad de Chile; **Mirko Martinic**: Center for Advanced Research in Education, Universidad de Chile; **Andrea Helo**: Universidad de Chile

P3-JJ-361-1025 *Does the finder of alternatives intentionally seek information irrelevant to the trained procedure?*

Presenting Author: **Yuki Ninomiya**, Nagoya University

Yuki Ninomiya: Nagoya University; **Tomoyuki Iwata**: Nagoya University; **Hitoshi Terai**: Kindai University; **Kazuhisa Miwa**: Nagoya University

P3-JJ-362-1446 *Other-directed verbalization facilitates insight problem solving*

Presenting Author: **Sachiko Kiyokawa**, The University of Tokyo

Sachiko Kiyokawa: The University of Tokyo; **Nao Uchida**: The University of Tokyo; **Mengsi Liu**: The University of Tokyo

P3-JJ-363-1511 *An Experimental and Computational Analysis of Agreement-based Moral Cognition*

Presenting Author: **Nick Chater**, University of Warwick

Arthur Le Pargneux: University of Warwick; **Hossam Zeitoun**: University of Warwick; **Emmanouil Konstantinidis**: University of Warwick; **Nick Chater**: University of Warwick

P3-JJ-364-2405 Strategy choice for physical reasoning is (partially) sensitive to cognitive costs

Presenting Author: **Kevin Smith**, Massachusetts Institute of Technology

Thomas Ngo: Massachusetts Institute of Technology; **Samuel J. Cheyette**: Massachusetts Institute of Technology; **Josh Tenenbaum**: MIT; **Kevin A Smith**: Massachusetts Institute of Technology

P3-KK-365-1205 Evaluating Cognitive Status-Informed Referring Form Selection for Human-Robot Interactions

Presenting Author: **Zhao Han**, Colorado School of Mines

Zhao Han: Colorado School of Mines; **Tom Williams**: Colorado School of Mines

P3-KK-366-1231 Does Machine Learning Replicate the Uncanny Valley? An Example using FaceNet

Presenting Author: **Taku Imaizumi**, The University of Tokyo

Taku Imaizumi: The University of Tokyo; **Lu Li**: The University of Tokyo; **Kazuhiro Ueda**: The University of Tokyo

P3-KK-367-1558 Modeling Trust and Reliance with Wait Time in a Human-Robot Interaction

Presenting Author: **Akihiro Maehigashi**, Shizuoka University

Akihiro Maehigashi: Shizuoka University; **Seiji Yamada**: National Institute of Informatics

P3-KK-368-1785 Forget About It: Entity-Level Working Memory Models for Referring Expression Generation in Robot Cognitive Architectures

Presenting Author: **Rafael Sousa Silva**, Colorado School of Mines

Rafael Sousa Silva: Colorado School of Mines; **Michelle Lieng**: Colorado School of Mines; **Tom Williams**: Colorado School of Mines

P3-MM-369-1024 The prevalence of multitasking presents challenges for theories of event segmentation

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

P3-MM-370-1328 The Impact of Social Inclusion vs. Exclusion on Subsequent Social Cognition Abilities in Younger and Older Adults

Presenting Author: **Elisabeth E.F. Bradford**, University of Dundee

Elisabeth Bradford: University of Dundee

P3-MM-371-1772 The evolution of reciprocity based on welfare tradeoff ratios in games with asymmetric information

Presenting Author: **Wenhao Qi**, University of California, San Diego

Wenhao Qi: University of California, San Diego; **Boyu Wang**: University of California, San Diego; **Lindsey J Powell**: University of California, San Diego

P3-MM-372-2117 Story Reading and Children's Gender Stereotype Representation

Presenting Author: **Tianlin Wang**, University at Albany

Jamie Gahtan: University at Albany; **Naomi Rowe**: University at Albany; **Tianlin Wang**: University at Albany-SUNY

P3-NN-374-1939 Does the environment shape gender marking in mimed stories?

Presenting Author: **Marta Sibierska**, Nicolaus Copernicus University

Marta Sibierska: Nicolaus Copernicus University; **Monika Boruta-Zywiczynska**: Nicolaus Copernicus University; **Marek Placiński**: Nicolaus Copernicus University in Toruń; **Przemysław Zywiczynski**: Nicolaus Copernicus University; **Sławomir Waciewicz**: Nicolaus Copernicus University; **Aleksandra Szczepańska**: Nicolaus Copernicus University

P3-NN-375-2627 It Starts at Home: The Role of Parental Socialization on the Development of Gendered Speech

Presenting Author: **Priscilla Fung**, University of Toronto

Priscilla Fung: University of Toronto ; **Jessamyn Schertz**: University of Toronto Mississauga; **Elizabeth Johnson**: University of Toronto

P3-PP-376-1352 Does informativity modulate linearization preferences in reference production?

Presenting Author: **Muqing Li**, Saarland University

Muqing Li: Saarland University; **Noortje J. Venhuizen**: Tilburg University; **Torsten Kai Jachmann**: Saarland University; **Heiner Drenhaus**: Saarland University; **Matthew W Crocker**: Saarland University

P3-PP-377-1587 Syntactic Processing Skills: Engine for Acquiring Knowledge

Presenting Author: **Noriko Arai**, National Institute of Informatics

Noriko H Arai: National Institute of Informatics; **Teiko Arai**: Institute for Excellence in Higher Education, Tohoku University; **Naoya Todo**: University of Tsukuba; **Takuya Matsuzaki**: Tokyo University of Science; **Miwa Inuzuka**: Tokyo Gakugei University; **Shingo Sugawara**: Research Institute of Science for Education; **Koken Ozaki**: University of Tsukuba

VIRTUAL POSTERS

Virtual Posters will be presented on-line only via the Underline platform. Attendees will be able to comment and ask questions about presenters' work/research asynchronously throughout the conference. Presenters may leave messages in the poster area chat space to advise times (and time zone) that they will be available. To engage with on-site attendees, it is recommended that Virtual Poster presenters align with times prior to and after the Sydney schedule.

VP-A-254-1624 *The importance of communicative success for simulating the emergence of a Word Order/Case Marking trade-off with Neural Agents*

Presenting Author: **Yuchen Lian**, Xi'an Jiaotong University

Yuchen Lian: Xi'an Jiaotong University; **Arianna Bisazza**: University of Groningen; **Tessa Verhoef**: Leiden University

VP-A-378-1017 *A Unified Framework for Unseen Target Stance Detection based on Feature Enhancement via Graph Contrastive Learning*

Presenting Author: **Xuechen Zhao**, National University of Defense and Technology

Xuechen Zhao: National University of Defense and Technology; **jiaying Zou**: National University of Defense Technology; **lei tian**: National University of Defense Technology; **Feng Xie**: National University of Defense Technology; **Haiyang Wang**: National University of Defense Technology; **Hongzhou Wu**: National University of Defense Technology; **Bin Zhou**: National University of Defense Technology; **JIE TIAN**: School of Data and Computer Science

VP-A-379-1604 *Emergent Communication with Attention*

Presenting Author: **Ryokan Ri**, The University of Tokyo

Ryokan Ri: The University of Tokyo; **Ryo Ueda**: The University of Tokyo; **Jason Naradowsky**: University of Tokyo

VP-A-380-1657 *Improving Ontology Translation from Disentangled Semantic and Language Representations*

Presenting Author: **Mingjie Tian**, School of Artificial Intelligence

Mingjie Tian: School of Artificial Intelligence; **Fausto Giunchiglia**: University of Trento; **Hao Xu**: Jilin University

VP-A-381-2663 *MVRACE: Multi-view Graph Contrastive Encoding for Graph Neural Network Pre-training*

Presenting Author: **Bo Wu**, Renmin University of China

Bo Wu: Renmin University of China; **Xun Liang**: Renmin University of China; **Xiangping Zheng**: Renmin University of China; **Yuhui Guo**: Renmin University of China; **Xuan Zhang**: Renmin University of China; **hui tang**: information of school; **Jun Wang**: Swinburne University of Technology

VP-A-382-1047 *Towards human-compatible autonomous car: A study of non-verbal Turing test in automated driving with affective transition modelling*

Presenting Author: **Zhaoning Li**, Sun Yat-sen University

Zhaoning Li: Sun Yat-sen University; **Qiaoli Jiang**: Sun Yat-sen University; **Zhengming Wu**: Guangzhou Intelligent Connected Vehicle Pilot Zone Operations Centre; **Anqi Liu**: Johns Hopkins University; **Haiyan Wu**: University of Macau; **Miner Huang**: Sun Yat-sen University; **Kai Huang**: School of Data and Computer Science; **Yixuan Ku**: Sun Yat-sen University

VP-A-383-1054 *Comparing Intuitions about Agents' Goals, Preferences and Actions in Human Infants and Video Transformers*

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

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

VP-A-384-1670 *An Evaluation of Experimental Sampling Strategies for Autonomous Empirical Research in Cognitive Science*

Presenting Author: **Sebastian Musslick**, Brown University

Sebastian Musslick: Brown University; **Joshua T. S. Hewson**: Brown University; **Benjamin W Andrew**: Brown University; **Younes Strittmatter**: Brown University; **Chad C Williams**: Brown University; **George T. Dang**: Brown University; **Marina Dubova**: Indiana University; **John Gerrard Holland**: Brown University

VP-A-385-1683 *Developmental Curiosity and Social Interaction in Virtual Agents*

Presenting Author: **Chris Doyle**, Stanford University

Chris Doyle: Stanford University; **Sarah Shader**: Pomona College; **Michelle Lau**: Stanford University; **Megumi Sano**: Stanford University; **Daniel L. K. Yamins**: Stanford; **Nick Haber**: Stanford

VP-A-386-2500 *Artificial Psychologist: An intelligent assistant based on a cognitive modeling framework*

Presenting Author: **Alexei Samsonovich**, National Research Nuclear University MEPhI

Alexei V Samsonovich: National Research Nuclear University MEPhI

VP-A-387-1091 *User's acceptance of an AI-based software to promote attention control*

Presenting Author: **Maria Wirzberger**, University of Stuttgart

Veronika Herbst: University of Stuttgart; **Adrian Stock**: University of Stuttgart; **Laura Bareiß**: University of Stuttgart; **Maria Wirzberger**: University of Stuttgart

VP-A-388-1201 *Human control redressed: Comparing AI-to-human vs. human-to-human predictability in a real-effort task*

Presenting Author: **Markus Kneer**, University of Zurich

Serhiy Kandul: University of Zurich; **Vincent Micheli**: University of Geneva; **Juliane Beck**: University of St. Gallen; **Thomas Burri**: University of St. Gallen; **Francois Fleuret**: University of Geneva; **Markus Kneer**: University of Zurich; **Markus Christen**: University of Zurich

VP-A-389-1262 *Incorporating Mental State into Contrastive Learning for Fine-grained Implicit Hate Speech Classification*

Presenting Author: **Haiyang Wang**, National University of Defense Technology

Haiyang Wang: National University of Defense Technology; **Xin Song**: National University of Defense Technology; **Bin Zhou**: National University of Defense Technology; **Xuechen Zhao**: National University of Defense and Technology

VP-A-390-1432 *ChatGPT: More Human-Like Than Computer-Like, but Not Necessarily in a Good Way*

Presenting Author: **Amos Azaria**, Ariel University

Amos Azaria: Ariel University

VP-A-391-1644 *Modeling Human Lexical Decision-Making with Artificial Neural Networks and Evidence Accumulation Models*

Presenting Author: **Arash Dadras**, Institute for Cognitive and Brain Sciences, Shahid Beheshti University

Arash Dadras: Institute for Cognitive and Brain Sciences, Shahid Beheshti University; **Mahvash Siavashpour**: Amirkabir University of Technology; **Jamal Amani Rad**: Shahid Beheshti University; **Amir Hosein Hadian Rasanan**: Shahid Beheshti University

VP-A-392-2262 *On Reality and the Limits of Language Data: Aligning LLMs with Human Norms*

Presenting Author: **Ehsan Shareghi**, University of Cambridge

Nigel Collier: University of Cambridge; **Fangyu Liu**: University of Cambridge; **Ehsan Shareghi**: Monash University

VP-A-393-2280 *AI Agents Learn to Trust*

Presenting Author: **Ardavan S. Nobandegani**, Mila - Quebec AI Institute

Ardavan S. Nobandegani: Mila - Quebec AI Institute; **Irina Rish**: Mila - Quebec AI Institute; **Thomas Shultz**: McGill University

VP-A-394-2602 *Theory of AI Minds: Children's reasoning about the "mental states" of conversational AI agents*

Presenting Author: **Joseph Outa**, Stanford University

Griffin Dietz: Stanford University; **Joseph Outa**: Stanford University; **Lauren Lowe**: Stanford University; **James A. Landay**: Stanford University; **Hyowon Gweon**: Stanford University

VP-B-395-1355 *Asymmetry in similarity and difference judgments results from asymmetry in the complexity of the relations same and different*

Presenting Author: **Nicholas Ichien**, University of California, Los Angeles

Nicholas Ichien: University of California, Los Angeles; **Nyusha Lin**: University of California, Los Angeles; **Keith Holyoak**: University of California, Los Angeles; **Hongjing Lu**: UCLA

VP-B-396-1627 *Object Focus and Preschoolers' Relational Reasoning*

Presenting Author: **Şeref Can Esmer**, Koç University

Şeref Can Esmer: Koç University; **Eylul Turan**: KU Leuven; **Dilay Z. Karadoller**: Middle East Technical University; **Tilbe Göksun**: Koç University

VP-B-397-1650 *Analogical Reasoning During Hypothesis Generation: The Effects of Object and Domain Similarities on Access and Transfer*

Presenting Author: **Leandro E. Rivas**, University of Comahue

Leandro E. Rivas: University of Comahue; **Gilda Garibotti**: University of Comahue; **Jose Antonio Mema**: CONICET-UNCO; **Maximo Trench**: University of Comahue

VP-C-398-1150 *The Impact of Value and Familiarity on Dogs' Food Preferences*

Presenting Author: **Madeline H Pelgrim**, Brown University

Madeline Helmer Pelgrim: Brown University; **Julia Espinosa**: University of Toronto; **Daphna Buchsbaum**: Brown University

VP-C-399-1777 *Causal perception in Guinea Baboons (Papio papio)*

Presenting Author: **Floor Meewis**, CNRS, Aix Marseille University

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

VP-C-400-2325 *Intentions as interactional and interspecies achievements: enactivist contributions to language evolution*

Presenting Author: **Elena Clare Cuffari**, Franklin and Marshall College

Elena C Cuffari: Franklin and Marshall College; **Dr. Nara Figueiredo**: Federal University of Santa Maria (UFSM)

VP-C-401-2467 *Rhesus macaques generalize abstract rules within but not between stimulus categories*

Presenting Author: **Ben Wilson**, Emory University

Angelle Antoun: Emory University; **Rohini Murugan**: Emory University; **Benjamin Wilson**: Emory University

VP-C-402-2242 *Moral Judgments in COVID-19 Triage Dilemmas: Does the Type of Life-Saving Resource Matter?*

Presenting Author: **Evgeniya Hristova**, New Bulgarian University

Evgeniya Hristova: New Bulgarian University; **Maurice Grinberg**: New Bulgarian University

VP-D-403-1606 *Characteristics of persuasive deltaboard members on Reddit's r/ChangeMyView*

Presenting Author: **Trisevgeni Papakonstantinou**, University College London

Trisevgeni Papakonstantinou: University College London; **Zachary Horne**: University of Edinburgh

VP-E-404-2608 *How Well Do Humans Learn Conditional Probabilities?*

Presenting Author: **Corina Ströbner**, Birkbeck, University of London

Corina Ströbner: Birkbeck, University of London ; **Ulrike Hahn**: Birkbeck, University of London

VP-F-405-1574 *Prediction, Explanation, and Control Under Free Exploration*

Presenting Author: **Roman Tikhonov**, Carnegie Mellon University

Roman Tikhonov: Carnegie Mellon University; **Simon DeDeo**: Carnegie Mellon University

VP-F-406-1738 *Swipe and hold: composing interventions in continuous time causal learning*

Presenting Author: **Victor J. Btesh**, University College London

Victor Btesh: University College London; **David Lagnado**: University College London; **Maarten Speekenbrink**: University College London; **Neil R. Bramley**: University of Edinburgh

VP-F-407-1942 *Preferences for descriptiveness and co-explanation in complex explanations*

Presenting Author: **Michael Hattersley**, University of Warwick

Michael Hattersley: University of Warwick; **Reed Orchinik**: Massachusetts Institute of Technology; **Elliot Andrew Ludvig**: University of Warwick; **Rahul Bhui**: MIT

VP-F-408-2252 *How does knowledge of detainment affect juror reasoning?*

Presenting Author: **Stephen H Dewitt**, University College London

Stephen H Dewitt: University College London; **Sammy Glatzel**: University College London; **David Lagnado**: University College London

VP-F-409-2306 *Intended Outcomes Expand In Time: Evidence from the Temporal Reproduction Task*

Presenting Author: **Rohan R. Donapati**, International Institute of Information Technology - Hyderabad

Rohan R. Donapati: International Institute of Information Technology - Hyderabad; **Anuj Shukla**: Thapar Institute of Engineering & Technology; **Raju Surampudi Bapi**: IIIT Hyderabad

VP-F-410-2592 *Perceived Causal Strength in Chains vs. Common Causes*

Presenting Author: **Anita Keshmirian**, Ludwig Maximilian University of Munich

Anita Keshmirian: Ludwig Maximilian University of Munich; **Babak Hemmatian**: University of Illinois Urbana-Champaign; **Ulrike Hahn**: Birkbeck, University of London; **Stephan Hartmann**: LMU Munich

VP-F-411-1253 *Defendant character influences mock juror judgments of blame, guilt, and punishment*

Presenting Author: **Vanessa Cheung**, University College London

Vanessa Cheung: University College London; **David Lagnado**: University College London

VP-F-412-1410 *Causal Reasoning Across Agents and Objects*

Presenting Author: **Bryan Gonzalez**, Dartmouth College

Bryan Gonzalez: Dartmouth College; **Tobias Gerstenberg**: Stanford University; **Jonathan Phillips**: Dartmouth College

VP-F-413-1563 *Uncertainty can explain apparent mistakes in causal reasoning*

Presenting Author: **Nicolás Marchant**, Universidad Adolfo Ibáñez

Nicolas Marchant: Universidad Adolfo Ibáñez; **Tadeg Quillien**: University of Edinburgh; **Sergio E. Chaigneau**: Adolfo Ibanez University

VP-F-414-2130 *Children Use Causality to Guide Question Asking*

Presenting Author: **Elizabeth Lapidow**, University of California, San Diego

Elizabeth Lapidow: University of California, San Diego; **Amberley R Stein**: University of California, San Diego; **Caren M. Walker**: University of California San Diego

VP-F-415-1023 *How infants learn about people and object causal action: An associative account*

Presenting Author: **Deon T. Benton**, Vanderbilt University

Deon T. Benton: Vanderbilt University

VP-F-416-1712 *How descriptive norms shape reasoning about rules*

Presenting Author: **Jordan Wylie**, Boston College

Jordan Wylie: Boston College; **Dries Bostyn**: Ghent University; **Ana Gantman**: Brooklyn College

VP-F-417-1805 *Let's talk structure: the positive outcomes of structural thinking*

Presenting Author: **Marianna Y. Zhang**, Stanford University

Marianna Y. Zhang: Stanford University; **Linda Liu**: Stanford University; **Ellen M Markman**: Stanford University

VP-F-418-1958 *Do Children Match Described Probabilities? The Sampling Hypothesis and Risky Choice*

Presenting Author: **Anna Thoma**, Max Planck Institute for Human Development

Anna Isabel Thoma: Max Planck Institute for Human Development; **Christin Schulze**: Max Planck Institute for Human Development

VP-F-419-1963 *The Role of Causal Reasoning in Complex Cooperation*

Presenting Author: **Chase McDonald**, Carnegie Mellon University

Chase McDonald: Carnegie Mellon University; **Simon DeDeo**: Carnegie Mellon University

VP-F-421-2064 *Competing causal debates and the influence of source credibility on belief revision*

Presenting Author: **Nicole Lauren George**, London Schools of Economics

Nicole Lauren George: London Schools of Economics; **Jens Koed Madsen**: London School of Economics

VP-F-422-2296 *Expectations of Determinism Underlie Domain Effects on Adult Causal Learning*

Presenting Author: **Phuong (Phoebe) Ngoc Dinh**, Carnegie Mellon University

Phuong (Phoebe) Ngoc Dinh: Carnegie Mellon University; **David Danks**: University of California, San Diego

VP-F-423-2378 *Extending counterfactual reasoning models to capture unconstrained social explanations*

Presenting Author: **Stephanie Droop**, University of Edinburgh

Stephanie Droop: University of Edinburgh; **Neil R. Bramley**: University of Edinburgh

VP-F-424-2379 *The Role of Causal Stability in Children's Active Exploration*

Presenting Author: **Daniil Serko**, MPRG iSearch, Max Planck Institute for Human Development

Daniil Serko: MPRG iSearch, Max Planck Institute for Human Development; **Ny Vasil**: California State University East Bay; **Azzurra Ruggeri**: Max Planck Institute for Human Development

VP-F-425-2418 *The Effects of Causal Structure on Causal Attribution Judgements*

Presenting Author: **Judith L. Burkle**, Syracuse University

Judith L. Burkle: Syracuse University; **Micah Goldwater**: The University of Sydney; **Daniel Corral**: Syracuse University

VP-F-19-1569 *Expectation of temporal delays shapes Judgement of Causal Strength and Causal Structure*

Presenting Author: **Ziyi Guo**, University College London

Ziyi Guo: University College London; **Christos Bechlivanidis**: University College London; **David Lagnado**: University College London

VP-F-142-2560 *Show and tell: Learning causal structures from observations and explanations*

Presenting Author: **Andrew Nam**, Stanford University

Andrew Nam: Stanford University; **Christopher Hughes**: Stanford University; **Thomas Icard**: Stanford University; **Tobias Gerstenberg**: Stanford University

VP-G-731-2415 *Shape categorization is biased by position in a learned sequence*

Presenting Author: **Angelle Antoun**, Emory University

Angelle Antoun: Emory University; **Benjamin Wilson**: Emory University

VP-G-426-1187 *Must there be an explanation? Children and the Principle of Sufficient Reason*

Presenting Author: **Teresa Flanagan**, Cornell University

Teresa Flanagan: Cornell University; **Alejandro Vesga**: Cornell University; **Tamar Kushnir**: Duke University; **Shaun Nichols**: Cornell University

VP-G-427-1254 *Representations of Abstract Relations in Early Childhood*

Presenting Author: **Nicole H. Coates**, Massachusetts Institute of Technology

Nicole Coates: Massachusetts Institute of Technology; **Max Siegel**: MIT; **Josh Tenenbaum**: MIT; **Laura Schulz**: Massachusetts Institute of Technology

VP-G-428-1531 *How count-list knowledge relates to 3-year-olds' exact non-symbolic addition abilities*

Presenting Author: **Chen Cheng**, the Hong Kong University of Science and Technology

Chen Cheng: the Hong Kong University of Science and Technology; **Melissa M. Kibbe**: Boston University

VP-G-429-1969 *Naive human judges can accurately predict expertise in children's block building. Can embedded motion sensors do just as well?*

Presenting Author: **Emory Davis**, Johns Hopkins University

Emory Davis: Johns Hopkins University; **Zihan Wang**: Johns Hopkins University; **Anand Malpani**: Johns Hopkins University; **Gregory Hager**: Johns Hopkins University; **Amy Lynne Shelton**: Johns Hopkins University; **Barbara Landau**: Johns Hopkins University

VP-G-430-2683 *Parental Mind-mindedness and Autonomy Granting are Associated with Singaporean Children's Free Will Beliefs*

Presenting Author: **Jing Ting Ong**, Nanyang Technological University

Jing Ting Ong: Nanyang Technological University; **Xiao Pan Ding**: National University of Singapore; **Yue Yu**: National Institute of Education, Nanyang Technological University

VP-G-431-1055 *GCN-based Autism Spectrum Disorder Diagnosis via Convolutional Restructuring Attention*

Presenting Author: **Jianwei Zheng**, Zhejiang University of Technology

Yibin Wang: Zhejiang University of Technology; **Haixia Long**: Zhejiang University of Technology; **Qianwei Zhou**: Zhejiang University of Technology; **Yuchao Feng**: Zhejiang University of Technology; **Jianwei Zheng**: Zhejiang University of Technology

VP-G-432-1136 *User-independent Emotion Classification based on Domain Adversarial Transfer Learning*

Presenting Author: **Pei Ni**, xidian univeristy

Ni Pei: xidian univeristy; **Liying Yang**: xidian university; **dunhui liu**: School of Computer Science and Technology; **Si Chao**: Xidian University; **gang cao**: XiDian University; **qiang wang**: Xidian University; **Haoxuan Sun**: Xidain University

VP-G-433-1330 *Generate your neural signals from mine: individual-to-individual EEG converters*

Presenting Author: **Zitong Lu**, The Ohio State University

Zitong Lu: The Ohio State University; **Julie Golomb**: the Ohio State University

VP-G-434-1340 *Measures of Semantic Distance from Word Embeddings Predict Neural Responses During Inferences about People and Objects*

Presenting Author: **Dilara Berkay**, University of Pennsylvania

Dilara Berkay: University of Pennsylvania; **Adrianna C. Jenkins**: University of Pennsylvania

VP-G-435-1951 *Top-down effects of attention on the action observation network*

Presenting Author: **Aslı Eroğlu**, Bilkent University

Aslı Eroğlu: Bilkent University; **Burcu A. Urgen**: Bilkent University

VP-G-436-2247 *Cortical Circuits of Context Adaptability: Understanding Neurobehavioral Mechanisms Underlying Flexible Behavior*

Presenting Author: **Sweta Kaman**, Indian Institute of Technology Jodhpur

Sweta Kaman: Indian Institute of Technology Jodhpur; **Romi Banerjee**: Indian Institute of Technology Jodhpur; **Ankita Sharma**: IIT Jodhpur

VP-G-437-1139 *Multiscale Entropy Increases at Short Time Scales Across Time in a 10-minute Psychomotor Vigilance Test*

Presenting Author: **L. Jack Rhodes**, Ball Aerospace

L. Jack Rhodes: Ball Aerospace; **Lorraine Borghetti**: Air Force Research Laboratory; **Megan B Morris**: Air Force Research Laboratory

VP-G-438-1377 *Evaluating State-of-the-Art EEG Source Localization Algorithms Using Spatially Propagated Sources and Realistic Head Model*

Presenting Author: **Hao Shen**, Fudan University

Hao Shen: Fudan University; **Yuguo Yu**: Fudan University

VP-G-439-1378 *Wiring Cost Minimization: A Dominant Factor in the Evolution of Brain Networks across Five Species*

Presenting Author: **Mingyi Huang**, Fudan University

Mingyi Huang: Fudan University; **Yuguo Yu**: Fudan University

VP-G-440-2091 *Augmenting EEG with Generative Adversarial Networks Enhances Brain Decoding Across Classifiers and Sample Sizes*

Presenting Author: **Chad Williams**, Brown University

Chad C Williams: Brown University; **Daniel Weinhardt**: University of Stuttgart; **Maria Wirzberger**: University of Stuttgart; **Sebastian Musslick**: Brown University

VP-G-441-2168 *Developing a Neural Network Model Generating Handwriting Motor Sequences Within Realistic Spatiotemporal Scales and Its Biological Implications*

Presenting Author: **Sungjae Cho**, Korea Institute of Science and Technology

Sungjae Cho: Korea Institute of Science and Technology; **Taegon Kim**: Korea Institute of Science and Technology

VP-G-265-1111 *The Relation Between the Development of Counterfactual Thinking and Piagetian Conservation*

Presenting Author: **Bella Fascendini**, Stanford University

Bella Fascendini: Stanford University; **Qianhui Ni**: University of Southern California; **Henrike Moll**: University of Southern California

VP-H-442-2253 *The production of adaptors: its relationship with representational gestures and context*

Presenting Author: **Yanran Zhang**, communication university of zhejiang

yanran zhang: communication university of zhejiang; **Yan Gu**: University of Essex

VP-H-443-2294 *Communicative reduction in referring expressions within a multi-player negotiation game*

Presenting Author: **Veronica Boyce**, Stanford University

Veronica Boyce: Stanford University; **Michael C. Frank**: Stanford University

VP-H-444-2572 *Simplifying Group Communication: A Shared Agency Modeling Approach*

Presenting Author: **Max Potter**, University of California, Los Angeles

Max Potter: University of California, Los Angeles; **Tao Gao**: University of California - Los Angeles; **Stephanie Stacy**: University of California - Los Angeles

VP-I-445-1815 *Examining Moral Injury using a Predictive Processing Framework*

Presenting Author: **Konstantinos Xanthios**, Pouria Saffaran, University of Toronto

Konstantinos Xanthios: University of Toronto; **Pouria Saffaran**: University of Toronto/OISE

VP-J-446-2011 *Waymaking: a nested approach to cognition inspired by cognitive and computational hippocampal models*

Presenting Author: **Andrea Hiott**, Universität Heidelberg

Andrea Hiott: Universität Heidelberg

VP-J-447-2456 *Choosers Adapt Value Coding to the Environment, But Do Not Attain Efficiency*

Presenting Author: **Vered Kurtz-David**, New York University
Vered Kurtz-David: New York University; **Vinayak Alladi**: neuroscience institute; **Stefan Bucher**: Max Planck Institute for Biological Cybernetics; **Adam Brandenburger**: New York University; **Kenway Louie**: New York University; **Paul Glimcher**: New York University School of Medicine; **Agnieszka Tymula**: University of Sydney

VP-K-448-1327 *Structural Signatures of Individual Object and Event Units*

Presenting Author: **Sarah Hye-yeon Lee**, University of Pennsylvania
Sarah Hye-yeon Lee: University of Pennsylvania; **Yue Ji**: Beijing Institute of Technology; **Anna Papafragou**: University of Pennsylvania

VP-K-449-1731 *A Quantum Model of Concepts*

Presenting Author: **Sean Tull**, Quantinuum
Sean Edward Tull: Quantinuum; **Razin A Shaikh**: Quantinuum; **Sara Sabrina Zemljic**: Quantinuum; **Stephen Clark**: Quantinuum

VP-K-450-2035 *Laying the Foundation: Extracting Partial Meanings of Hard Nouns via Observational Contexts*

Presenting Author: **Kosta Boskovic**, University of Connecticut
Kosta Boskovic: University of Connecticut; **Sumarga H. Suanda**: University of Connecticut

VP-K-451-2160 *Discovering New Functions in Everyday Tools by Children, Adults and LLM's*

Presenting Author: **Eunice Yiu**, UC Berkeley
Eunice Yiu: UC Berkeley; **Alison Gopnik**: University of California at Berkeley

VP-K-452-2319 *Without even Trying: How Incidental Exposure Shapes Category Learning*

Presenting Author: **Layla Unger**, Ohio State University
Layla Unger: Ohio State University; **Emily R Weichart**: The Ohio State University; **Noah Reardon**: The Ohio State University; **Vladimir Sloutsky**: The Ohio State University

VP-K-453-2464 *Modeling the Category Variability Effect in an Exemplar-Similarity Framework*

Presenting Author: **Florian I Seitz**, University of Basel
Florian I Seitz: University of Basel; **Jana Jarecki**: University of Basel; **Jörg Rieskamp**: University of Basel

VP-K-454-2516 *Thematic relations outperform taxonomic relations in a cued recall task*

Presenting Author: **Weijia Cao**, New York University
Weijia Cao: New York University; **Omri Raccach**: New York University; **Phoebe Chen**: New York University; **David Poeppel**: New York University

VP-K-455-2568 *Alternation as a Relational Category*

Presenting Author: **Alexus S Longo**, Binghamton University
Josh C Glass: Binghamton University; **Alexus S Longo**: State University of New York at Binghamton; **Kenneth Kurtz**: Binghamton University

VP-K-456-2586 *Charting children's fruit categories with Markov-Chain Monte Carlo with People*

Presenting Author: **Pablo León Villagrà**, Brown University
Pablo Leon Villagra: Brown University; **Isaac Ehrlich**: University of Toronto; **Chris Lucas**: University of Edinburgh; **Daphna Buchsbaum**: Brown University

VP-K-457-1280 *Expertise mitigates the inference bias in everyday explanations*

Presenting Author: **Mert Kobas**, New York University
Mert Kobas: New York University; **Christina M Tworek**: Gerson Lehrman Group; **Andrei Cimpian**: New York University

VP-K-458-1372 *The role of co-occurrences on conceptual tokening: Accessing object concepts by their category labels*

Presenting Author: **Alessandro La Serra**, Concordia University
Alessandro La Serra: Concordia University; **Caitlyn Antal**: McGill University

VP-K-459-1625 *Patterns of visual attention in blocked and interleaved learning*

Presenting Author: **Ezgi M. Yüksel**, University of Wisconsin-Madison
Melina Lauryn Knabe: University of Wisconsin-Madison; **Ezgi Melisa Yüksel**: University of Wisconsin-Madison; **Haley Vlach**: University of Wisconsin-Madison

VP-K-460-1628 *Does Experiencing an "Inner Voice" Predict Language-Driven Categorical Perception?*

Presenting Author: **Emerson Schimmel**, Reed College
Emerson Schimmel: Reed College; **Clarissa Madar**: Reed College; **Sarah H. Wu**: Reed College; **Liantao Shan**: Reed College; **Norah Waldorf**: Reed College; **Stephen Flusberg**: Vassar College; **Kevin J. Holmes**: Reed College

VP-K-461-1934 *Learning Regularity in a Sequence of Decision-Making Tasks*

Presenting Author: **Vedant Biren Shah**, University of Bremen
Vedant Biren Shah: University of Bremen; **Rene Schlegelmilch**: University of Bremen; **Bettina von Helversen**: University of Bremen

VP-K-462-2394 *Modeling Human Performance on SHJ Category Structures with a Divergent Autoencoder*

Presenting Author: **Josh C Glass**, Binghamton University
Josh C Glass: Binghamton University; **Mercury K Mason**: Binghamton University; **Kenneth Kurtz**: Binghamton University

VP-K-463-2406 *Release from Proactive Interference with Relational Categories Versus Traditional Entity Categories*

Presenting Author: **Alexus Longo**, State University of New York at Binghamton

Alexus S Longo: State University of New York at Binghamton; **Kenneth Kurtz**: Binghamton University

VP-K-464-2435 *Human similarity judgments of emojis support alignment of conceptual systems across modalities*

Presenting Author: **Yiling Yun**, Arizona State University

Bryor Sneffjella: Arizona State University; **Yiling Yun**: UCLA; **Shuhao Fu**: UCLA; **Hongjing Lu**: UCLA

VP-K-465-2583 *Unifying exemplar and prototype models of categorization*

Presenting Author: **Max Zuo**, Georgia Institute of Technology

Max Zuo: Georgia Institute of Technology; **Vijay Marupudi**: Georgia Institute of Technology; **Sashank Varma**: Georgia Tech

VP-K-466-2626 *Understanding Speeded Categorizations and Similarity Judgments Using Computational Cognitive Modeling*

Presenting Author: **Florian I Seitz**, University of Basel

Florian I Seitz: University of Basel; **Bettina von Helversen**: University of Bremen; **Rebecca Albrecht**: University of Basel; **Jörg Rieskamp**: University of Basel; **Jana Jarecki**: University of Basel

VP-K-467-1184 *How does higher education in the social sciences impact social essentialist thinking?*

Presenting Author: **Emma Pitt**, SUNY Purchase

Rebecca Peretz-Lange: SUNY Purchase; **Emma Pitt**: Northeastern University; **John D Coley**: Northeastern University

VP-K-468-1794 *What Is Art? The Role of Intention, Beauty, and Institutional Recognition*

Presenting Author: **Elzé Sigutė Mikalonytė**, Cambridge University

Elzé Sigutė Mikalonytė: Cambridge University; **Markus Kneer**: University of Zurich

VP-K-469-1881 *Abstract Concepts and Inner Speech: A Dual-Task Interference Study*

Presenting Author: **Johanne Nedergaard**, Aarhus University

Johanne Nedergaard: Aarhus University; **Anna Borghi**: Sapienza University of Rome; **Marta Kapielska**: Uniwersytet Warszawski

VP-K-470-1979 *Lack of visual experience influences silent gesture productions across semantic categories*

Presenting Author: **Ezgi Mamus**, Radboud University

Ezgi Mamus: Radboud University; **Laura Speed**: Radboud University; **Gerardo Ortega**: University of Birmingham; **Asifa Majid**: University of Oxford; **Aslı Özyürek**: Max Planck Institute

VP-K-471-2323 *Comparison and Explanation in Learning Causal System Categories*

Presenting Author: **Margarita Velinova Pavlova**, New Bulgarian University

Margarita V. Pavlova: New Bulgarian University; **Andrea Follmer Greenhoot**: University Of Kansas

VP-K-472-2480 *Children's developing understanding of learning as improvement over time*

Presenting Author: **Xiuyuan Zhang**, Yale University

Xiuyuan Zhang: Yale University; **Brandon A Carrillo**: Yale University; **Julia Anne Leonard**: Yale University

VP-K-473-2652 *Conceptual and Linguistic Factors Affect Entity Processing and Labeling*

Presenting Author: **Sarah Hey-yeon Lee**, University of Pennsylvania

Sarah Hye-yeon Lee: University of Pennsylvania; **Lea Mangifesta**: University of Pennsylvania; **Anna Papafragou**: University of Pennsylvania

VP-K-474-2666 *An information theoretic analysis of coherence*

Presenting Author: **Rafael Fuchs**, LMU Munich

Rafael Fuchs: LMU Munich

VP-K-475-1490 *Active information-seeking in support of learning extensions of novel words*

Presenting Author: **Martin Zettersten**, Princeton University

Martin Zettersten: Princeton University; **Molly Cutler**: Princeton University; **Casey Lew-Williams**: Princeton University

VP-K-281-2601 *Abstraction and affective content*

Presenting Author: **Rumen Iliev**, Toyota Research Institute

Rumen Iliev: Toyota Research Institute; **Anastasia Smirnova**: San Francisco State University

VP-L-476-2527 *Cognitive Attractors and the Cultural Evolution of Religion*

Presenting Author: **Victor Møller Poulsen**, Carnegie Mellon University

Victor Poulsen: Carnegie Mellon University; **Simon DeDeo**: Carnegie Mellon University

VP-L-477-2639 *Predicting judgments of food healthiness with deep latent-construct cultural consensus theory*

Presenting Author: **Necdet Gurkan**, Stevens Institute of Technology

Necdet Gurkan: Stevens Institute of Technology; **Jordan W. Suchow**: Stevens Institute of Technology

VP-L-478-1561 *Markets, Religion, Community Size and the Evolution of Fairness? Not really*

Presenting Author: **Angarika Deb**, Central European University

Angarika Deb: Central European University

VP-L-479-2029 *The Self-Other Distinction in Perceptions of Social Influence: Evidence of Cultural Generalizability and Childhood Emergence*

Presenting Author: **Sohee Ahn**, University of California, San Diego
Sohee Ahn: University of California, San Diego; **Gail D. Heyman**: University of California, San Diego

VP-L-480-2331 *Abstract Thought Across Cultures*

Presenting Author: **Amritpal Singh**, Cornell University
Amritpal Singh: Cornell University; **Daniel Casasanto**: Cornell University

VP-M-481-1278 *Can Behavioral Experts Predict Outcome Heterogeneity?*

Presenting Author: **Rumen Iliev**, Toyota Research Institute
Rumen Iliev: Toyota Research Institute; **Alexandre L. S. Filipowicz**: Toyota Research Institute; **Emily Sarah Sumner**: Toyota Research Institute; **Francine Chen**: Toyota Research Institute; **Nikos Arechiga**: Toyota Research Institute; **Scott Carter**: Toyota Research Institute; **Totte Harinen**: Toyota Research Institute; **Kate A Sieck**: Toyota Research Institute; **Charlene C. Wu**: Toyota Research Institute

VP-M-482-1332 *The Contribution of Human Cognition and Decision-Making to Understanding the Dynamics of Chemical Manufacturing Process Tasks*

Presenting Author: **Mrunal Sontakke**, Rensselaer Polytechnic Institute
Mrunal V Sontakke: Rensselaer Polytechnic Institute; **Sounak Banerjee**: Rensselaer Polytechnic Institute; **Sambit Ghosh**: Rensselaer Polytechnic Institute; **B Wayne Bequette**: Rensselaer Polytechnic Institute; **Wayne Gray**: Rensselaer Polytechnic Institute

VP-M-483-1391 *Learning About Scientists from Climate Consensus Messaging*

Presenting Author: **Reed Orchinik**, Massachusetts Institute of Technology
Reed Orchinik: Massachusetts Institute of Technology; **Rachit Dubey**: University of California, Berkeley; **Samuel Gershman**: Harvard University; **Derek Powell**: Arizona State University; **Rahul Bhui**: MIT

VP-M-484-1585 *Risk Aversion and Demographic Factors Affect Preference Elicitation and Outcomes of a Salary Negotiation*

Presenting Author: **James Hale**, University of Southern California
James Hale: University of Southern California; **Peter H Kim**: University of Southern California; **Jonathan Gratch**: University of Southern California

VP-M-485-2521 *CO2 as “Carbon DiLoopy:” Boosting People’s Global Warming Acceptance and Concern by Explaining CO2’s Cognitive Effects*

Presenting Author: **Alex Kihiczak**, University of California, Berkeley
Alex Kihiczak: University of California, Berkeley; **Michael Ranney**: University of California, Berkeley

VP-M-486-1096 *Using Computational Models to Understand the Role and Nature of Valuation Bias in Mixed Gambles*

Presenting Author: **Nishad Singhi**, University of Tübingen
Nishad Singhi: University of Tübingen; **Sumeet Agarwal**: IIT Delhi; **Sumitava Mukherjee**: Indian Institute of Technology Delhi

VP-M-487-1288 *Finding your Way Out: Planning Strategies in Human Maze-Solving Behavior*

Presenting Author: **Florian Kadner**, Technical University Darmstadt
Florian Kadner: Technical University Darmstadt; **Hannah Willkomm**: Technical University Darmstadt; **Inga Ibs**: Technical University Darmstadt, Germany; **Constantin Rothkopf**: Technical University of Darmstadt

VP-M-488-1322 *Social Learning from Incomplete Information in a Dynamic Decision-Making Task*

Presenting Author: **Alexandra F. Ortmann**, Stony Brook University
Alexandra Ortmann: Stony Brook University; **Christian Luhmann**: Stony Brook University

VP-M-489-1374 *An Exploratory Study on the Effect of Contour Types on Decision Making via Optic Brain Imaging Method (fNIRS)*

Presenting Author: **An Exploratory Study on the Effect of Contour Types on Decision Making via Optic Brain Imaging Method (fNIRS)**, Neuroscience
Esin Tuna Demircioglu: Neuroscience; **Yener Girişken**: Graduate School of Marketing Communication; **Tuna Çakar Çakar**: MEF University

VP-M-490-1676 *Modeling the impact of arousal on decision making with spiking neural networks*

Presenting Author: **Bartłomiej Król-Józaga**, AGH University of Science and Technology
Bartłomiej Król-Józaga: AGH University of Science and Technology; **Szymon Wichary**: Jagiellonian University in Krakow

VP-M-491-1702 *Behavioral characteristics in general trust: an exploratory laboratory-based analysis using the ultimatum game*

Presenting Author: **Daisuke Hamada**, Ritsumeikan Global Innovation Research Organization, Ritsumeikan University
Daisuke Hamada: Ritsumeikan Global Innovation Research Organization, Ritsumeikan University; **Kouyou Otsu**: College of Information Science and Engineering, Ritsumeikan University; **Yugo Hayashi**: College of Comprehensive Psychology, Ritsumeikan University

VP-M-492-1769 *Influencing Perceptions of Climate Scientist Credibility*

Presenting Author: **Reed Orchinik**, Massachusetts Institute of Technology
Reed Orchinik: Massachusetts Institute of Technology; **Rachit Dubey**: University of California, Berkeley; **Derek Powell**: Arizona State University; **Rahul Bhui**: MIT

VP-M-493-1901 *Groups are Better than Individuals at Solving Optimum Stopping Problems*

Presenting Author: **Pritam Laskar**, Indian Institute of Technology, Kanpur

Pritam Laskar: Indian Institute of Technology, Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology

VP-M-494-1933 *Measuring the time utility of mental effort*

Presenting Author: **Samarth Mehrotra**, Indian Institute of Technology Kanpur

samarth mehrotra: Indian Institute of Technology Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology

VP-M-495-2108 *Continuous and Discrete Transitions during Task-Switching*

Presenting Author: **Harrison Ritz**, Princeton University

Harrison Ritz: Princeton University; **William Wolf**: Princeton University; **Jonathan Cohen**: Princeton University

VP-M-496-2610 *How close is close enough? How even neighbors of extreme choices drive risky choice*

Presenting Author: **Lucy Cui**, UCLA

Lucy Cui: UCLA; **Yihan Chen**: University of Chicago

VP-M-497-1203 *Red stimuli increases precision in numerosity estimation*

Presenting Author: **Ece Yallak**, Koc University

Ece Yallak: Koc University; **FUAT BALCI**: Koç University

VP-M-498-1771 *Asymmetric Effects of Shifting Trust in Pro- and Anti-Consensus Climate Scientists*

Presenting Author: **Reed Orchinik**, Massachusetts Institute of Technology

Reed Orchinik: Massachusetts Institute of Technology; **Rachit Dubey**: University of California, Berkeley; **Rahul Bhui**: MIT

VP-M-499-1928 *Gender Differences in Reliability and Guilt Ascriptions in the Context of Violent Crimes*

Presenting Author: **Klaudyna Horniczak**, Jagiellonian University

Andrzej Porębski: Jagiellonian University; **Klaudyna Joanna Horniczak Ms**: Jagiellonian University; **Izabela Dorota Skoczen**: Jagiellonian University

VP-M-500-2076 *Children Leverage Confidence to Rationally Integrate Beliefs*

Presenting Author: **Carolyn Baer**, University of British Columbia

Carolyn Baer: University of British Columbia; **Jan Engelmann**: University of California, Berkeley; **Celeste Kidd**: University of California, Berkeley

VP-M-501-2274 *The Impact of Production Rates on Sequential Statistics and Distributional Properties in Random Generation*

Presenting Author: **Pablo León-Villagrà**, Brown University

Pablo Leon Villagra: Brown University; **Lucas Castillo**: University of Warwick; **Nick Chater**: University of Warwick; **Adam Sanborn**: University of Warwick

VP-M-732-2612 *Performance of drawing scatterplots based on given correlations*

Presenting Author: **Lucy Cui**, UCLA

Lucy Cui: UCLA; **Medha Kini**: University of California, Los Angeles; **Zili Liu**: UCLA

VP-M-39-2225 *The effect of kinematics on standard measures used in quantifying decision making using arm movements: a simulation study*

Presenting Author: **Jason Friedman**, Tel Aviv University

Jason Friedman: Tel Aviv University

VP-M-163-1766 *The Impact of Risk and Prevalence on Foraging Behavior in Hybrid Visual Search*

Presenting Author: **YanJun Liu**, Indiana University

YanJun Liu: Indiana University; **Jeremy M Wolfe**: Brigham & Women's Hospital; **Jennifer Trueblood**: Indiana University

VP-N-502-2299 *Neural Network Modeling of Pure Reasoning in Preverbal Infants*

Presenting Author: **Ardavan S. Nobandegani**, Mila - Quebec AI Institute

Ardavan S. Nobandegani: Mila - Quebec AI Institute; **Thomas Shultz**: McGill University

VP-N-503-2381 *Children's Estimation of Peripheral Information Drives Improvements in Approximate Number Sense*

Presenting Author: **Huiwen Alex Yang**, University of California, Berkeley

Huiwen Alex Yang: University of California, Berkeley; **Steven Piantadosi**: UC Berkeley; **Celeste Kidd**: University of California, Berkeley

VP-O-504-1672 *Characterizing tradeoffs between teaching via language and demonstrations in multi-agent systems*

Presenting Author: **Dhara Yu**, Stanford University

Dhara Yu: Stanford University; **Noah Goodman**: Stanford University; **Jesse Mu**: Stanford University

VP-O-505-1980 *An Innovative Educational Escape Room Framework for Active Learning in Classrooms*

Presenting Author: **Boris Nakashyan**, University of Virginia

Boris Nakashyan: University of Virginia; **Erin Clabough**: University of Virginia

VP-O-506-2040 *Supporting Learning of Programming through Translation Activities in a Computer Tutor*

Presenting Author: **Suchanya Limpakom**, Carleton University

Suchanya Limpakom: Carleton University; **Veronica S Chiarelli**: Carleton University; **Amanda Keech**: Carleton University; **Kasia Muldner**: Carleton University

VP-O-507-2200 *Does a Curriculum Improve Perceptual Decision Making?*

Presenting Author: **Younes Strittmatter**, Brown University
Younes Strittmatter: Brown University; **Markus Spitzer**: University of Basel; **Miguel Ruiz-Garcia**: Universidad Complutense de Madrid; **Samuel Gershman**: Harvard University; **Sebastian Musslick**: Brown University

VP-O-508-2417 *Considering Alternative Outcomes of Research: Does Knowing the Actual Outcome Create Bias?*

Presenting Author: **Edward Munnich**, University of San Francisco
Edward Munnich: University of San Francisco; **Marci Adolfo**: University of San Francisco; **Erica Divinagracia**: University of San Francisco; **Sabrina Ibrahim**: University of San Francisco; **Sydney Laxson**: University of San Francisco; **Joshua Condry**: University of San Francisco

VP-O-509-1465 *Peer Discussion in Multimedia Learning Environments*

Presenting Author: **Dania Ibrahim**, University of California San Diego
Dania Ibrahim: University of California San Diego; **Emma H Geller**: University of California San Diego

VP-O-510-1879 *Is There a Foreign Language Effect on Academic Integrity?*

Presenting Author: **Adam John Privitera**, Nanyang Technological University
Adam John Privitera: Nanyang Technological University

VP-O-511-1975 *The exponential growth bias in graphs: how to avoid contextual pitfalls*

Presenting Author: **dr. Gerda Ana Melnik-Leroy**, Vilnius University
Gerda Ana Melnik-Leroy: Vilnius University

VP-O-512-2155 *Failure Mindset is Associated with Achievement Orientation Among Singaporean Children*

Presenting Author: **Yue Yu**, Nanyang Technological University
Trena Chan: Nanyang Technological University; **Mary Simpson**: Cornell University; **Tamar Kushnir**: Duke University; **Yue Yu**: National Institute of Education, Nanyang Technological University

VP-O-513-2382 *AR Classroom usability studies: Implications for enhancing educational technology*

Presenting Author: **Samantha D. Aguilar**, Texas A&M University
Samantha D. Aguilar: Texas A&M University; **Katherine Crabb**: Texas A&M University; **James Stautler**: Texas A&M University; **Heather Burte**: Texas A&M University

VP-O-514-2496 *Embedding Equitable Research Practices into the Rigorous Study of a Cognitive Learning Intervention*

Presenting Author: **Katie D'Silva**, WestEd
Katie D'Silva: WestEd; **Bryan Matlen**: WestEd

VP-O-515-1105 *Speaking a Language is Not Enough! Distinct Neurobiological Reading Networks Support Heritage Language and Bilingual-Biliterate Children's Reading*

Presenting Author: **Ye Shen**, The Ohio State University
Ye Shen: The Ohio State University; **Stephanie Del Tufo**: University of Delaware

VP-O-516-1348 *The Effects of Prepresented Information on Music Appreciation: What Students Learn Inside or Outside the Classroom*

Presenting Author: **Kozue Miyashiro**, Utsunomiya University
Kozue Miyashiro: Utsunomiya University; **Yui Fujiwara**: Utsunomiya University; **Emi Arai**: Utsunomiya University

VP-O-517-1369 *What is a Textbook Layout that Everyone Understands? : Towards a Comprehensive Understanding of Text and Supplementary Information*

Presenting Author: **Maiko Takahashi**, University of Tokyo
Maiko Takahashi: University of Tokyo; **Takeo Kondo**: University of Tokyo

VP-O-518-1512 *Teacher Attitudes on Inheritance Diagram Features*

Presenting Author: **Olympia N. Mathiapparanam**, University of Rochester
Olympia N. Mathiapparanam: University of Rochester; **Andrea Donovan**: University of Wisconsin- Madison; **David Menendez**: University of Michigan-Ann Arbor; **Collin Jones**: University of Rochester; **Seung Heon Yoo**: University of Rochester; **Martha W Alibali**: University of Wisconsin-Madison; **Charles W. Kalish**: University of Wisconsin-Madison; **Karl Rosengren**: University of Rochester

VP-O-519-1639 *Linguistic Pathways to Spatial Cognition: The relations between Chinese handwriting legibility and different spatial subskills*

Presenting Author: **Hong Lu**, The University of Hong Kong
Hong Lu: The University of Hong Kong

VP-O-520-1776 *Applying cognitive learning principles to practice: Challenges in translation and large-scale study design*

Presenting Author: **Anna Bartel**, WestEd
Anna Bartel: WestEd; **Bryan Matlen**: WestEd; **Doug Rohrer**: University of South Florida; **Jodi Davenport**: WestEd

VP-O-521-1826 *The Influence of Instruction with Hand Gesture on Children's Visual Attention after Instruction*

Presenting Author: **John Zbaracki**, University of Iowa
John Zbaracki: University of Iowa; **Andy Mistak**: University of Iowa; **Mary Aldugom**: Chicago State University; **Todd Pruner**: University of Iowa; **Kimberly Fenn**: Michigan State University; **Susan Wagner Cook**: University of Iowa

VP-O-522-2044 *Exploring Teaching with Evaluative Feedback*

Presenting Author: **Arunima Sarin**, Harvard University

Arunima Sarin: Harvard University; **Fiery Cushman**: Harvard University

VP-O-523-2684 *Applying Large Language Models to Generate High-Quality Multiple-Choice Test Questions*

Presenting Author: **Yo Ehara**, Tokyo Gakugei University

Yo Ehara: Tokyo Gakugei University

VP-O-729-1707 *The Use of Exam Retake as a Learning Opportunity for the Content and Test-Taking Strategies*

Presenting Author: **Lucy Cui**, UCLA

Lucy Cui: UCLA

VP-P-524-1075 *Is word learning of spatial metaphors grounded in perceptual modality?*

Presenting Author: **Bahar Tarakçı**, Özyeğin University

Bahar Tarakçı: Özyeğin University; **Ercenur Ünal**: Özyeğin University

VP-P-525-2145 *The power of Embodied Learning in an Online Course with Chinese High Schoolers*

Presenting Author: **Icy(Yunyi) Zhang**, University of California, Los Angeles

Icy(Yunyi) Zhang: University of California, Los Angeles; **Alice Xu**: University of California, Los Angeles; **Ji Son**: Cal State University, Los Angeles; **James Stigler**: University of California, Los Angeles

VP-P-526-2401 *Seeing the connection: Manipulating access to visual information facilitates creative insight*

Presenting Author: **Shadab Tabatabaeian**, University of California Merced

Shadab Tabatabaeian: University of California Merced; **Tyler Marghetis**: University of California, Merced

VP-P-527-2611 *Gesture during political speech reflects and affects judgements of topic similarity*

Presenting Author: **Icy (Yunyi) Zhang**, University of California, Los Angeles

Icy(Yunyi) Zhang: University of California, Los Angeles; **Tina Izad**: UCLA; **Jenarae Noel Huber**: UCLA; **Simran Saini**: UCLA; **Madeleine Gates**: UCLA; **Erica Cartmill**: UCLA

VP-P-528-1182 *Embodied representation in oral-poetry improvisation*

Presenting Author: **Henrique Tavares Dias Perissinotto**, Federal University of Juiz de Fora

Henrique Tavares Dias Perissinotto: Federal University of Juiz de Fora; **Joao Queiroz**: Institute of Arts, Federal University of Juiz de Fora

VP-P-529-1623 *Modeling Red Tastes: Quality Color Adjectives in English Color-Taste Synesthetic Metaphors*

Presenting Author: **Kaitlyn Hemberger**, Wichita State University

Kaitlyn S. Hemberger: Wichita State University; **Mythili Menon**: Wichita State University

VP-P-530-2184 *The space of words: on the sensorimotor processing of variable affordances in noun-adjective combinations*

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

VP-P-531-2353 *What cognitive biases impact north pointing accuracy when nearby roads are not aligned with the cardinal directions?*

Presenting Author: **Dr. Heather Burte**, Texas A&M University

Anahid Akbaryan: Texas A&M University; **Grace Girgenti**: Texas A&M University; **Heather Burte**: Texas A&M University

VP-P-532-2513 *The spatial role of verbs in embodied language processing*

Presenting Author: **John Hollander**, University of Memphis

John Hollander: University of Memphis; **Andrew Olney**: University of Memphis

VP-P-533-2547 *What does the body do, when it's doing mathematics?*

Presenting Author: **Shadab Tabatabaeian**, University of California Merced

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

VP-Q-534-1318 *InferEM: Inferring the Speaker's Intention for Empathetic Dialogue Generation*

Presenting Author: **Guoqing Lv**, Huazhong University of Science and Technology

Guoqing Lv: Huazhong University of Science and Technology; **Jiang Li**: Huazhong University of Science and Technology; **XiaoPing Wang**: Huazhong University of Science and Technology; **Zhigang Zeng**: Huazhong University of Science and Technology

VP-Q-535-1646 *Quantifying the Influence of Musical Features on Perceptual Similarity of Popular Songs*

Presenting Author: **Riesa Cassano**, University of Rochester

Riesa Cassano: University of Rochester; **Elise Cole**: University of Rochester; **Kelly Jakubowski**: Durham University; **Elise A. Piazza**: University of Rochester

VP-Q-536-2079 *Emotional face priming influences colour judgements*

Presenting Author: **Thaatsha Sivananthan**, Macquarie University

Thaatsha Sivananthan: Macquarie University; **Kim Curby**: Macquarie University

VP-Q-537-1993 *Exploring the Role of Visual Imagery in the Recall of Emotional Autobiographical Memories*

Presenting Author: **Ege Otenen**, Indiana University
Ege Otenen: Indiana University; **Cagla Aydin**: Sabanci University

VP-Q-538-2398 *Adults tailor their emotional expressions to infants through “emotionese”*

Presenting Author: **Hanqi Chen**, University of Toronto Scarborough
Yang Wu: University of Toronto Scarborough; **Isobel M. Taylor**: Stanford University; **Hanqi Chen**: University of Toronto Scarborough; **Michael C. Frank**: Stanford University

VP-Q-539-1122 *Influences of Task Expectations and Failure Feedback on Learning from Subsequent Tasks*

Presenting Author: **Sebahat Gok**, Indiana University
Sebahat Gok: Indiana University; **Emily R. Fyfe**: Indiana University

VP-Q-540-1180 *Mindfulness Skill Enhances Inhibition of Irrelevant Negative Emotions: Evidence from a Stop Signal Task*

Presenting Author: **Surabhi Lodha**, Indian Institute of Technology Bombay
Surabhi Lodha: Indian Institute of Technology Bombay; **Rashmi Gupta**: IIT Bpm Bay

VP-Q-541-1239 *Impaired Inhibitory Control in Women Taking Anti-Androgenic Oral Contraceptives – Implications for Anxiety*

Presenting Author: **Melanie Kowalczyk**, SWPS University of Social Sciences and Humanities
Melanie Kowalczyk: SWPS University of Social Sciences and Humanities; **Monika Kornacka**: SWPS University of Social Sciences and Humanities; **Izabela Krejtz**: SWPS University of Social Sciences and Humanities

VP-S-543-1457 *Contrastive Explanations for Recommendation Systems*

Presenting Author: **Meir Nizri**, Ariel University
Meir Nizri: Ariel University; **Amos Azaria**: Ariel University; **Noam Hazon**: Ariel University

VP-S-544-1510 *Understanding cognition of laundry habits to foster sustainable behavior*

Presenting Author: **Laura Höpfl**, University of Stuttgart
Laura Höpfl: University of Stuttgart; **Maria Wirzberger**: University of Stuttgart

VP-S-545-2396 *Blame attribution in human-AI and human-only systems: Crowdsourcing judgments from Twitter*

Presenting Author: **Trisevgeni Papakonstantinou**, UCL
Matija Franklin: UCL; **Trisevgeni Papakonstantinou**: University College London; **Tianshu Chen**: Causal Cognition Laboratory; **Carlos Fernandez-Basso**: Causal Cognition Laboratory; **David Lagnado**: University College London

VP-S-546-1402 *The role of audiovisual feedback delays and bimodal congruency for visuomotor performance in human-machine interaction*

Presenting Author: **Annika Dix**, Technische Universität Dresden
Annika Dix: Technische Universität Dresden; **Clarissa Sabrina Arlinghaus**: Bielefeld University; **A. Marie Harkin**: Technische Universität Dresden; **Sebastian Pannasch**: Technische Universität Dresden

VP-S-547-1887 *Social Behavioral Sensing: An Exploratory Study to Assess Learning Motivation and Perceived Relatedness of University Students using Mobile Sensing*

Presenting Author: **Yu Feng**, Tongyu Zhao, Jian Li, Yatong Zu, Adriano Tavares, Tiago Gomes, Hao Xu, University of Minho
Yu Feng: University of Minho; **Tongyu Zhao**: University of Minho; **Jian Li**: Jilin University; **Yatong Zu**: Jilin University; **Adriano Tavares**: University of Minho; **Tiago Gomes**: University of Minho; **Hao Xu**: Jilin niversity

VP-S-548-1915 *A Set of Communicative and Noncommunicative Action Video Stimuli for Human-Robot Interaction Research*

Presenting Author: **Tuğçe Nur Pekçetin**, Middle East Technical University
Tuğçe Nur Pekçetin: Middle East Technical University; **Gaye Aşkın**: Bilkent University; **Şeyda Evsen**: Bilkent University; **Tuvana Dilan Karaduman**: Bilkent University; **Asli Eroglu**: Bilkent University; **Badel Barinal**: Bilkent University; **Jana Tunç**: Middle East Technical University; **Burcu A. Urgan**: Bilkent University

VP-S-549-2004 *Perceived pain of humans and robots: An exploration of the effect of agent, pain source, and pain type in pain attribution to biological and non-biological agents*

Presenting Author: **Tuvana Karaduman**, Bilkent University
Tuvana Dilan Karaduman: Bilkent University; **Tuğçe Elver Boz**: Bilkent University; **İmge Saltik**: Bilkent University; **Burcu A. Urgan**: Bilkent University

VP-T-550-2088 *Modeling Substitution Errors in Spanish Morphology Learning*

Presenting Author: **Libby Barak**, Rutgers University
Libby Barak: Rutgers University; **Nathalie Fernandez Echeverri**: University of Maryland; **Naomi H Feldman**: University of Maryland; **Patrick Shafto**: Rutgers University – Newark

VP-T-551-1290 *Epistemology of Monolingual Bias: Contexts from a Tagalog Standpoint*

Presenting Author: **Marie Adrienne Robles Manalili**, Philippine Association of Speech Language Pathologists
Marie Adrienne Robles Manalili: Philippine Association of Speech Language Pathologists

VP-T-552-1948 *Zipfian distributions facilitate learning novel word-referent mappings*

Presenting Author: **Lucie Wolters**, The Hebrew University of Jerusalem

Lucie Wolters: The Hebrew University of Jerusalem; **Ori Lavi-Rotbain**: The Hebrew University; **Inbal Arnon**: Hebrew University

VP-T-553-2006 *Recycling constructional patterns: A usage-based approach to child bilingual code-mixing*

Presenting Author: **Nikolas Koch**, LMU Munich

Nikolas Koch: LMU Munich; **Antje Quick**: Leipzig University; **Stefan Hartmann**: HHU Düsseldorf

VP-T-554-2080 *Modeling Children's Word Sense Disambiguation with Large Language Models: Insights and Challenges*

Presenting Author: **Francesco Cabiddu**, Cardiff University

Francesco Cabiddu: Cardiff University; **Mitja Nikolaus**: Aix-Marseille University; **Abdellah Fourtassi**: Aix-Marseille University

VP-T-555-2375 *Using measures of metacognition to assess the acquisition of implicit and explicit knowledge in artificial grammar learning tasks*

Presenting Author: **Rohini Murugan**, Emory University

Rohini Murugan: Emory University; **Benjamin Wilson**: Emory University

VP-T-556-1496 *Does production facilitate learning morphosyntactic generalisations?*

Presenting Author: **Aislinn Keogh**, University of Edinburgh

Aislinn Keogh: University of Edinburgh; **Elizabeth Pankratz**: University of Edinburgh; **Simon Kirby**: The University of Edinburgh; **Jennifer Culbertson**: University of Edinburgh

VP-T-557-1812 *Statistical learning or phonological universals? Ambient language statistics guide consonant acquisition in four languages*

Presenting Author: **Pablo Contreras Kallens**, Cornell University

Pablo Contreras Kallens: Cornell University; **Steven Elmlinger**: Cornell University; **Katharine Wang**: Cornell University; **Michael Goldstein**: Cornell University; **Sharynne McLeod**: Charles Sturt University; **Kathryn Crowe**: University of Iceland; **Morten Christiansen**: Cornell University

VP-T-558-2269 *Communicative Feedback Signals in Response to Children's Grammatical Errors*

Presenting Author: **Mitja Nikolaus**, Aix-Marseille University

Mitja Nikolaus: Aix-Marseille University; **Laurent Prévot**: Aix-Marseille université; **Abdellah Fourtassi**: Aix-Marseille University

VP-T-725-1165 *Network Diversity Leads to More Flexibility in Speech Categorization*

Presenting Author: **Ethan Kutlu**, University of Iowa

Ethan Kutlu: University of Iowa; **Samantha L Chiu**: University of Iowa; **Eldon Sorensen**: University of Iowa; **Jacob Oleson**: University of Iowa; **Bob McMurray**: University of Iowa

VP-T-728-1622 *Can infants categorize scenes?*

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

Maja Blesic: Central European University; **Mollie Dalton Hamilton**: University of Massachusetts Boston ; **Erik Blaser**: University of Massachusetts Boston; **Zsuzsa Kaldy**: University of Massachusetts Boston; **Agnes Kovacs**: CEU

VP-T-188-2654 *The dynamics of child-driven active information-seeking and caregiver scaffolding during word learning*

Presenting Author: **Martin Zettersten**, Princeton University

Martin Zettersten: Princeton University; **Alyssa Guilla**: Princeton University; **Casey Lew-Williams**: Princeton University

VP-U-559-1147 *Semantic access to constituents of compounds and pseudocompounds: Evidence from dichoptic presentation*

Presenting Author: **Kyan Salehi**, Concordia University

Kyan Salehi: Concordia University; **Roberto G. de Almeida**: Concordia University

VP-U-560-1584 *Semantic Retrieval Strategies in Divergent Thinking*

Presenting Author: **Urszula Kuczma**, University of Warsaw

Urszula Kuczma: University of Warsaw; **Joanna Rączaszek-Leonardi**: University of Warsaw; **Kristian Tylene**: Aarhus University

VP-U-561-1757 *Young Children and Adults Extend Novel Nouns to Objects not Places*

Presenting Author: **Yi Lin**, New York University

Yi Lin: New York University; **Moir Rose Dillon**: New York University

VP-U-562-1764 *Partial Word Learning from Referentially Ambiguous Naming Events: Evidence from a Human Simulation Paradigm*

Presenting Author: **Nina Schoener**, University of Connecticut

Nina Schoener: University of Connecticut; **Peter C Schoener**: N/A; **Sara Johnson**: University of Connecticut; **Sumarga H. Suanda**: University of Connecticut

VP-U-563-2045 *Kinship terminologies reflect culture-specific communicative need: Evidence from Hindi and English*

Presenting Author: **Gunjan Anand**, University of California, Berkeley

Gunjan Anand: University of California, Berkeley ; **Terry Regier**: UC Berkeley

VP-U-564-2558 *Language Models Show Within- and Cross-language Similarities in Concrete Noun Meaning, but not Differences Between L1 and L2 English Speakers*

Presenting Author: **Jingyuan S. She**, Haverford College

Jingyuan Selena She: Haverford College; **Gabrielle Ma**: Swarthmore College ; **Ping Wen**: Haverford College; **Benjamin D. Zinszer**: Swarthmore College

VP-U-565-2290 *Examining the role of sentence context in cross-situational word learning*

Presenting Author: **Alexander LaTourrette**, University of Pennsylvania

Alexander S LaTourrette: University of Pennsylvania; **Charles Yang**: University of Pennsylvania; **John Trueswell**: University of Pennsylvania

VP-U-726-1469 *Cognitive signatures of aspectual coercion*

Presenting Author: **Ugurcan Vurgun**, University of Pennsylvania

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

VP-U-195-1717 *Is Acquisition of Japanese Particles Ga and Wa a Key to Theory of Mind Development? Evidence from Online Experiment with Sentence Repetition Task*

Presenting Author: **Hisaka Watanabe**, University of Tokyo

Hisaka Watanabe: University of Tokyo; **Yuki Hirose**: University of Tokyo

VP-U-75-1651 *Accessibility of Agent and Patient roles is shaped by context*

Presenting Author: **David Schwitzgebel**, Institut Jean Nicod

David Schwitzgebel: Institut Jean Nicod; **Lilia Rissman**: University of Wisconsin – Madison; **Brent Strickland**: ENS-Ulm DEC, PSL, CNRS

VP-V-566-1918 *Which alternatives are relevant in scalar implicature processing? A priming study with antonyms and negation*

Presenting Author: **Radim Lacina**, Osnabrück University

Radim Lacina: Osnabrück University; **Stavroula Alexandropoulou**: Osnabrück University; **Eszter Ronai**: Northwestern University; **Nicole Gotzner**: Cognitive Science Institute

VP-V-567-2053 *Does Evaluative Language Provide Reasons to Act? An Empirical Study of the Action-Guiding Potential of Evaluative Concepts*

Presenting Author: **Pascale Willemsen**, University of Zurich

Pascale Willemsen: University of Zurich; **Judith H. Martens**: University of Antwerp

VP-V-568-2124 *Comparison of multilingual measures within and across diverse contexts: CLiP-Q, SECSE, and language entropy*

Presenting Author: **Angelique M. Blackburn**, Texas A&M International University

Angelique M. Blackburn: Texas A&M International University; **Mandy Wigdorowitz**: University of Cambridge

VP-V-569-2220 *Availability and Timing of Informativity Inferences*

Presenting Author: **Alice Rees**, University of Edinburgh

Alice Rees: University of Edinburgh; **Hannah Rohde**: University of Edinburgh

VP-V-570-2264 *Working memory updating modulates adaptation to speaker-specific use of uncertainty expressions*

Presenting Author: **Sebastian Schuster**, Saarland University

Sebastian Schuster: Saarland University; **Alexandra Mayn**: Saarland University; **Vera Demberg**: Saarland University

VP-V-571-2318 *The impact of polysemous meanings on bilinguals' representations across languages*

Presenting Author: **Sammy Floyd**, MIT

Sammy Floyd: MIT; **Liam J. Gleason**: University of Texas at El Paso; **Sagi Jaffe-Dax**: Tel Aviv University; **Christine Potter**: University of Texas at El Paso

VP-V-572-1009 *The categorization of intransitive verbs in Mandarin: Evidence from word2vec modeling and behavioral experiment*

Presenting Author: **Kaiying Lin**, University of Hawai'i

Kaiying Lin: University of Hawai'i; **Peter Washington**: University of Hawaii at Manoa

VP-V-573-1315 *Distributional learning of recursive structures: The role of the structural representation*

Presenting Author: **Daoxin Li**, University of Pennsylvania

Daoxin Li: University of Pennsylvania; **Kathryn Schuler**: University of Pennsylvania

VP-V-574-1345 *Formulating Textual Difficulty of Questions as Population who Answer Correctly*

Presenting Author: **Yo Ehara**, Tokyo Gakugei University

Yo Ehara: Tokyo Gakugei University

VP-V-575-2169 *The Influence of Lexical Frequency, Phonotactic Probability, and Neighborhood Density on Word Identification*

Presenting Author: **Chelsea Sanker**, Stanford University

Chelsea Sanker: Stanford University

VP-V-576-2621 *Reading as Acquisition of Orthographic Productivity*

Presenting Author: **Teresa Lu-Romeo**, Harvard University

Teresa Lu-Romeo: Harvard University; **Charles Yang**: U Penn

VP-V-577-2676 *Narrative flow quantification of autobiographies reveals signatures of memory retrieval*

Presenting Author: **Yashashree Chandak**, Pune Institute of Computer Technology

Yashashree Chandak: Pune Institute of Computer Technology; **Vishnu Sreekumar**: International Institute of Information Technology

VP-V-579-1669 *A Semantics for Causing, Enabling, and Preventing Verbs Grounded in Structural Causal Models*

Presenting Author: **Angela Cao**, University of Edinburgh
Angela Cao: University of Edinburgh; **Atticus Geiger**: Stanford;
Elisa Kreiss: Stanford University; **Thomas Icard**: Stanford
University; **Tobias Gerstenberg**: Stanford University

VP-V-580-1908 *Simulating children's verb inflection errors in English using an LSTM language model*

Presenting Author: **Daniel Freudenthal**, University of Liverpool
Daniel Freudenthal: University of Liverpool; **Julian M. Pine**:
University of Liverpool; **Colin Bannard**: University of Manchester

VP-V-581-2270 *Memory as a computational constraint in cross-situational word learning*

Presenting Author: **Christine Soh Yue**, University of Pennsylvania
Christine Soh Yue: University of Pennsylvania; **Alexander S**
LaTourrette: University of Pennsylvania; **Charles Yang**: U Penn;
John Trueswell: University of Pennsylvania

VP-V-582-2389 *Quantifying informativeness of names in visual space*

Presenting Author: **Eleonora Gualdoni**, Universitat Pompeu Fabra
Eleonora Gualdoni: Universitat Pompeu Fabra; **Charles Kemp**:
University of Melbourne; **Yang Xu**: University of Toronto; **Gemma**
Boleda: Universitat Pompeu Fabra

VP-V-583-2580 *The Units of Gating and Access to Lexical Representations During Spoken Word Recognition*

Presenting Author: **Caitlyn Antal**, McGill University
Caitlyn Antal: McGill University; **Roberto G. de Almeida**: Concordia
University

VP-V-328-1102 *Why do some words have more meanings than others? A true neutral model for the meaning-frequency correlation.*

Presenting Author: **Alexey Koshevov**, Aix-Marseille University
Alexey Koshevov: Aix-Marseille University; **Isabelle Dautriche**:
CNRS; **Olivier Morin**: MPI für Menschheitsgeschichte

VP-V-329-2000 *Re-Evaluating the Evaluation of Neural Morphological Inflection Models*

Presenting Author: **Sarah Brogden Payne**, Stony Brook University
Jordan Kodner: Stony Brook University; **Salam Khalifa**: Stony
Brook University; **Sarah R B Payne**: Stony Brook University; **Zoe**
Liu: University of Florida

VP-V-323-2165 *Exploring the Effect of Socio-linguistic Competence in Native and Non-native English Speakers on Visual and Auditory Humor Comprehension*

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

VP-W-584-1750 *Crowd-Sourcing Human Ratings of Linguistic Production*

Presenting Author: **Scott Crossley**, Vanderbilt University
Scott Crossley: Vanderbilt University; **Sara Cushing**: Georgia
State University; **Scott Jarvis**: University of Utah; **Kristopher Kyle**:
University of Oregon

VP-W-585-1789 *Evaluating word association-derived word embeddings on semantic analogies*

Presenting Author: **Álvaro Cabana**, Universidad de la República
Álvaro Cabana: Universidad de la República; **Hernan Quintero**:
Universidad de la República; **Rocio Belén Lión**: Universidad de la
República; **Juan C Valle-Lisboa**: Universidad de la República

VP-W-586-2424 *Paradigmatic formation through context-mediation*

Presenting Author: **Kevin Shabahang**, University of Melbourne
Kevin Shabahang: University of Melbourne; **Hyungwook Yim**:
Hanyang University; **Simon Dennis**: The University of Melbourne

VP-W-587-2511 *Context-sensitive features predict sentence memorability in the absence of memorable words*

Presenting Author: **Thomas Hikaru Clark**, Massachusetts Institute
of Technology
Thomas Clark: Massachusetts Institute of Technology; **Greta**
Tuckute: Massachusetts Institute of Technology; **Bryan Medina**:
Massachusetts Institute of Technology; **Evelina Fedorenko**:
Massachusetts Institute of Technology

VP-W-588-2530 *Degree of learning of an artificial grammar correlates with differential fMRI activation of Broca's area*

Presenting Author: **P. Thomas Schoenemann**, Indiana University
P. Thomas Schoenemann: Indiana University; **Chung-Lin Martin**
Yang: University of Rochester; **Shelby S. J. Putt**: Illinois State
University

VP-W-589-1453 *Discourse structure affects reference resolution to events in English: Evidence from a new paradigm*

Presenting Author: **Joshua Wampler**, UC San Diego
Joshua Wampler: UC San Diego; **Eva Wittenberg**: Central
European University

VP-W-590-1751 *When you say that, do you mean it? Crosslinguistic patterns of anaphor resolution in English, German, and Polish*

Presenting Author: **Elena Marx**, Central European University
Elena Marx: Central European University; **Oliwia Anna Iwan**:
University of Vienna; **Eva Wittenberg**: Central European University

VP-W-591-2265 *Does he hears a prime I prefer the? Testing a novel chunk-based perspective on structural priming*

Presenting Author: **Yngwie Asbjørn Nielsen**, Aarhus University
Yngwie Asbjørn Nielsen: Aarhus University; **Morten Christiansen**:
Cornell University

VP-W-592-2450 *Transformer-Maze: An Accessible Incremental Processing Measurement Tool*

Presenting Author: **Annika Heuser**, University of Pennsylvania
Annika Heuser: University of Pennsylvania; **Edward Gibson**: Massachusetts Institute of Technology

VP-W-593-2615 *Crosslinguistic Consistency in the Interpretation of Logical Connectives: The case of English, Hungarian, Spanish, and Mandarin Chinese*

Presenting Author: **Masoud Jasbi**, UC Davis
Masoud Jasbi: UC Davis; **Natalia Bermudez**: Harvard University; **Yuhan Zhang**: Harvard University; **Reka Siro**: University of Edinburgh; **Kathryn Davidson**: Harvard University

VP-W-594-2661 *Event Units in Language and Cognition*

Presenting Author: **Sarah Hye-yeon Lee**, University of Pennsylvania
Sarah Hye-yeon Lee: University of Pennsylvania; **Anna Papafragou**: University of Pennsylvania; **Ercenur Ünal**: Özyeğin University

VP-W-595-1202 *Visual cueing affects the processing of grammatical structure: A self-paced reading study on non-canonical word order in Bulgarian*

Presenting Author: **Paul Compensis**, University of Cologne
Paul Compensis: University of Cologne

VP-W-596-1272 *A Weak Bias Against Strong Synonymy?*

Presenting Author: **Aja Marie Altenhof**, University of Edinburgh
Aja Marie Altenhof: University of Edinburgh

VP-W-597-1420 *Tell Me Your (Cognitive) Budget, and I'll Tell You What You Value: Evidential Relationships Between Values, Data, and Generic Causal Claims about the Social World*

Presenting Author: **David Kinney**, Princeton University
David Kinney: Princeton University; **Tania Lombrozo**: Princeton University

VP-W-598-1472 *The effect of idiom processing on semantically related words in sentence reading: An eye-tracking study*

Presenting Author: **Irina Elgort**, VUW
Irina Elgort: VUW; **Lingli Du**: VUW; **Anna Siyanova-Chanturia**: VUW

VP-W-599-2002 *The effect of aesthetic appeal on words' memorability*

Presenting Author: **David Kovic**, University of Vienna
David Kovic: University of Vienna; **Theresa Matzinger**: University of Vienna

VP-W-83-2371 *Linguistic Anticipation in Children's Correction Sentences*

Presenting Author: **Alejandra Mitzi Castellón-Flores**, Universidad Nacional Autónoma de México
Alejandra Mitzi Castellón-Flores: Universidad Nacional Autónoma de México; **Armando Quetzalcóatl Angulo Chavira**: UNAM; **Natalia Arias-Trejo**: Universidad Nacional Autónoma de México, UNAM

VP-X-600-1010 *Lexical diversity across monolingual and multilingual populations*

Presenting Author: **Kelly Kendro**, University of Utah
Kelly Kendro: University of Utah; **Scott Jarvis**: University of Utah

VP-X-601-1143 *Exploring links between attention and sentence production: The role of cue types and individual variation*

Presenting Author: **Sarah Dolscheid**, University of Cologne
Sarah Dolscheid: University of Cologne; **Martina Penke**: University of Cologne

VP-X-602-1849 *A recipient design in multimodal language on TV: A comparison of child-directed and adult-directed broadcasting*

Presenting Author: **Yanran Zhang**, communication university of zhejiang
yanran zhang: communication university of zhejiang; **Yan Gu**: University of Essex

VP-X-603-1930 *Speech pause length predicts the attribution of willingness to help in native and non-native speakers*

Presenting Author: **Theresa Matzinger**, University of Vienna
Theresa Matzinger: University of Vienna; **Michael Pleyer**: Nicolaus Copernicus University in Torun; **Elizabeth Qing Zhang**: Jiangsu Normal University; **Przemysław Zywiecynski**: Nicolaus Copernicus University

VP-X-604-2411 *A bounded rationality account of dependency length minimization in Hindi*

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

VP-X-605-2579 *Typing time PWI: A scalable paradigm for studying lexical production*

Presenting Author: **Shiva Upadhye**, UC Irvine
Shiva Upadhye: UC Irvine; **Richard Futrell**: UC Irvine

VP-X-606-2603 *Overinformative Question Answering by Humans and Machines*

Presenting Author: **Polina Tsvilodub**, University of Tübingen
Polina Tsvilodub: University of Tübingen; **Michael Franke**: University of Tübingen; **Robert Hawkins**: Princeton University; **Noah Goodman**: Stanford University

VP-X-607-1567 *Dependency Locality Influences Word Order During Production in SOV Languages: Evidence from Hindi*

Presenting Author: **Mudafia Zafar**, Indian Institute of Technology Delhi

Mudafia Zafar: Indian Institute of Technology Delhi; **Samar Husain**: Indian Institute of Technology

VP-X-608-2471 *Lexical Entrainment in Bilingual Language Use*

Presenting Author: **Yongjia Song**, University of California, Irvine

Yongjia Song: University of California, Irvine; **Kathlyn Canales**: University of California, Irvine; **Yuting Gu**: University of California, Irvine; **Jiachen Jin**: University of California, Irvine; **Jian Meng**: University of Florida; **Yiqun Zhang**: University of Chicago; **Judith Kroll**: University of California, Irvine; **Gregory Scontras**: UC Irvine

VP-X-609-2587 *Chinese words shorten in more predictive contexts*

Presenting Author: **Yanting Li**, UC Irvine

Yanting Li: UC Irvine; **Gregory Scontras**: University of Irvine; **Richard Futrell**: UC Irvine

VP-X-207-2164 *Semantic uncertainty guides the extension of conventions to new referents*

Presenting Author: **Ron Eliav**, Bar-Ilan University

Ron Eliav: Bar-Ilan University; **Anya Ji**: Cornell University; **Yoav Artzi**: Cornell University; **Robert Hawkins**: Princeton University

VP-Y-610-1071 *What are the mechanisms underlying metacognitive learning?*

Presenting Author: **Ruiqi He**, Max Planck Institute for Intelligent Systems

Ruiqi He: Max Planck Institute for Intelligent Systems; **Falk Lieder**: Max Planck Institute for Intelligent Systems

VP-Y-611-1889 *The role of temporal predictability in contingency learning*

Presenting Author: **Claudia Iorio**, LEAD-CNRS Université de Bourgogne

Claudia Iorio: LEAD-CNRS Université de Bourgogne; **Sonja A. A Kotz**: Maastricht University; **James R. Schmidt**: LEAD-CNRS Université de Bourgogne

VP-Y-612-2131 *A Computational Account Of Self-Supervised Visual Learning From Egocentric Object Play*

Presenting Author: **Deepayan Sanyal**, Vanderbilt University

Deepayan Sanyal: Vanderbilt University; **Joel Michelson**: Vanderbilt University; **Yuan Yang**: Vanderbilt University; **James Ainooson**: Vanderbilt University; **Maithilee Kunda**: Vanderbilt University

VP-Y-613-1778 *No evidence for familiarity preferences after limited exposure to visual concepts in preschoolers and infants*

Presenting Author: **Gal Raz**, MIT

Gal Raz: MIT; **Anjie Cao**: Stanford ; **Minh Khong Bui**: California State University, Fullerton; **Michael C. Frank**: Stanford University; **Rebecca Saxe**: MIT

VP-Y-614-2102 *Bilingual students' test-taking strategies in content subject assessments*

Presenting Author: **Xiaoru Teng**, The University of Hong Kong

Yuen Yi Lo: The University of Hong Kong; **Xiaoru Teng**: University of Hong Kong; **Weiyang Liao**: University of Hong Kong; **Janet Hsiao**: University of Hong Kong

VP-Y-615-2227 *How do instructions, examples, and testing shape task representations?*

Presenting Author: **Aba Szollosi**, University of Edinburgh

Aba Szollosi: University of Edinburgh; **Vlad Grigoras**: University of Edinburgh; **Tadeg Quillien**: University of Edinburgh; **Chris Lucas**: University of Edinburgh; **Neil R. Bramley**: University of Edinburgh

VP-Z-616-1043 *Modeling Human Sequential Behavior with Deep Neural Networks in Emergent Communication*

Presenting Author: **Tom Kouwenhoven**, Creative Intelligence Lab

Tom Kouwenhoven: Creative Intelligence Lab; **Tessa Verhoef**: Leiden University; **Stephan Raaijmakers**: Leiden University; **Roy de Kleijn**: Cognitive Psychology Unit

VP-Z-617-1171 *CogTrans: A Cognitive Transfer Learning-based Self-Attention Mechanism Architecture for Knowledge Graph Reasoning*

Presenting Author: **Yuejia Wu**, Inner Mongolia University

Yuejia Wu: Inner Mongolia University; **Jiantao Zhou**: Inner Mongolia University

VP-Z-618-1189 *Perceptual colorization of the peripheral retinotopic visual field using adversarially-optimized neural networks*

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

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

VP-Z-619-1255 *Mapping between the Human Visual System and Two-stream DCNNs in Action Representation*

Presenting Author: **Yujia Peng**, Peking University

Yujia Peng: Peking University; **Xizi Gong**: Peking University; **Hongjing Lu**: UCLA; **Fang Fang**: Peking University

VP-Z-620-1434 *The evolution of efficient compression in signaling games*

Presenting Author: **Nathaniel Imel**, University of California, Irvine

Nathaniel Imel: University of California, Irvine

VP-Z-621-1637 Iterated learning explains aspects of color naming beyond those explained by efficiency

Presenting Author: **Emil Carlsson**, Chalmers University of Technology

Emil Carlsson: Chalmers University of Technology; **Devdatt Dubhashi**: Chalmers University of Technology; **Terry Regier**: UC Berkeley

VP-Z-622-1761 Learning planning strategies without feedback

Presenting Author: **Srinidhi Srinivas**, Max Planck Institute for Intelligent Systems

Srinidhi C. Srinivas: Max Planck Institute for Intelligent Systems; **Ruiqi He**: Max Planck Institute for Intelligent Systems; **Falk Lieder**: Max Planck Institute for Intelligent Systems

VP-Z-623-1808 Are First Passage Time Distributions Necessary for Drift-Diffusion Modeling?

Presenting Author: **Shamal Lalvani**, Northwestern University
Shamal Lalvani: Northwestern University

VP-Z-624-1983 Genetic Programming for Developing Simple Cognitive Models

Presenting Author: **Laura Kathryn Bartlett**, London School of Economics

Laura Bartlett: London School of Economics; **Angelo Pirrone**: London School of Economics; **Noman Javed**: London School of Economics and Political Science; **Peter Lane**: University of Hertfordshire; **Fernand Gobet**: London School of Economics and Political Science

VP-Z-625-2314 A Perceptual Front-End for Probability Learning: Object Detection with YOLO

Presenting Author: **Zhe Fan**, McGill University

Zhe Fan: McGill University; **Zilong Wang**: McGill University; **Thomas Shultz**: McGill University

VP-Z-626-2567 Beyond Transformers for Function Learning

Presenting Author: **Simon Segert**, Princeton University

Simon Segert: Princeton University; **Jonathan Cohen**: Princeton University

VP-Z-627-1368 Automatically Identifying Teachers' Autonomy Support using Text Classification on Imbalanced Data

Presenting Author: **Jian Li**, College of Computer Science and Technology

Jian Li: College of Computer Science and Technology; **Yu Feng**: University of Minho; **Jingwen Wang**: Jilin University; **Tongyu Zhao**: university of Minho; **Yuxuan Huang**: Jilin University; **Yatong Zu**: Jilin University; **Hao Xu**: Jilin University

VP-Z-628-1460 The Predictive Forward-Forward Algorithm

Presenting Author: **Alexander G. Ororbia**, Rochester Institute of Technology

Alexander Ororbia: Rochester Institute of Technology; **Ankur A Mali**: University of South Florida

VP-Z-629-1462 MIP-GAT: A Multi-Task Interactive Graph Attention Network with Position Encodings for Joint Sentiment Classification and Emotion Recognition

Presenting Author: **Ao Jia**, Beijing Institute of Technology

Ao Jia: Beijing Institute of Technology; **Yazhou Zhang**: Zhengzhou University of Light Industry; **Sagar Uprety**: Bravura Solutions; **Dawei Song**: Beijing Institute of Technology

VP-Z-630-2257 Perception of Mooney Faces: Extreme Generalization through Inverse Rendering?

Presenting Author: **Shreya Kapoor**, Friedrich-Alexander-Universität Erlangen-Nürnberg

Shreya Kapoor: Friedrich-Alexander-Universität Erlangen-Nürnberg; **Maximilian Weiherer**: Friedrich Alexander University; **Max Siegel**: MIT; **Amir Soltani**: Boston College; **Ilker Yildirim**: Yale University; **Josh Tenenbaum**: MIT; **Bernhard Egger**: Friedrich Alexander University

VP-Z-631-2409 Graded grammatical expectations in transformer models

Presenting Author: **Pablo Contreras Kallens**, Cornell University

Pablo Contreras Kallens: Cornell University; **Rick Dale**: UCLA; **Morten Christiansen**: Cornell University

VP-Z-632-1216 LaDA: Latent Dialogue Action For Zero-shot Cross-lingual Neural Network Language Modeling

Presenting Author: **Zhanyu Ma**, Institute of Computing Technology, Chinese Academ

Zhanyu Ma: Institute of Computing Technology, Chinese Academ; **Jian Ye**: Institute of Computing Technology, Chinese Academ; **Shuang Cheng**: Research Center for Ubiquitous Computing Systems CUBICS

VP-Z-633-1484 An Interpretable Model With Forgetting Matrix For Deep Knowledge Tracking

Presenting Author: **Kaiquan Bian**, Jinan University

Quanlong Guan: Jinan University; **Kaiquan Bian**: Jinan University; **Liangda Fang**: Jinan University; **Sheng Li**: Jinan University; **Zhenyu He**: Jinan University; **Hua Zheng**: Jinan University; **Lusheng Wu**: Jinan University; **Weiqli Luo**: Jinan University

VP-Z-634-1503 Personalized multi-task attention for multimodal mental health detection and explanation

Presenting Author: **Donglei Song**, Jilin University

Donglei Song: Jilin University; **Qiang Shen**: Jilin University; **Haotian Feng**: College of Computer Science and Technology, Jilin University; **Rui Song**: Jilin University; **Fausto Giunchiglia**: University of Trento; **Hao Xu**: Jilin University

VP-Z-635-1718 *Feature Visualization and Attribution Analysis of Confusion for Massive Open Online Course*

Presenting Author: **Tongyu Zhao**, Universidade do Minho

Tongyu Zhao: Universidade do Minho; **Jiaying Gao**: School of Artificial Intelligence; **Yu Feng**: University of Minho; **Jian Li**: College of Computer Science and Technology; **Yatong Zu**: Jilin University; **Sandro Pinto**: Universidade do Minho; **Adriano Tavares**: University of Minho; **Hao Xu**: Jilin University

VP-Z-636-2197 *Dynamic Agent Allocation with Reinforcement Learning for Applying Behavior Trees in Games*

Presenting Author: **Xianglong Li**, Academy of Military Sciences

Xianglong Li: Academy of Military Sciences; **Yuan Li**: Academy of Military Sciences; **Xinhai Xu**: Academy of Military Sciences; **Donghong Liu**: Academy of Military Sciences; **Jieyuan Zhang**: Academy of Military Sciences

VP-Z-637-1719 *Unlearning the bias: An agent-based simulation for increasing diverse representation through leadership emergence*

Presenting Author: **Andria Smith**, Max Planck Institute for Intelligent Systems

Andria Smith: Max Planck Institute for Intelligent Systems; **Simon Heuschkel**: University of Tübingen; **Ksenia Keplinger**: Max Planck Institute for Intelligent Systems; **Charley M Wu**: University of Tübingen

VP-Z-336-1523 *Identifying Body Parts in the Spatial Context of Pairwise Relations: Human Psychophysics and Model Simulations*

Presenting Author: **Ziwei Liu**, University of Minnesota

Ziwei Liu: University of Minnesota; **Daniel Kersten**: University of Minnesota Twin Cities

VP-Z-338-2058 *Automated Semantic Frame Analysis of Telegram News Channels*

Presenting Author: **Vera Ivanovna Zabolotkina**, Russian State University for the Humanities

Vera Ivanovna Zabolotkina: Russian State University for the Humanities; **Artemy Kotov**: Kurchatov Institute; **ELENA M POZDNYAKOVA**: Russian State University for the Humanities; **Elizaveta Fanenshtyl**: Kurchatov Institute

VP-AA-638-1474 *Modelling Pattern Reproduction in The ACT-R Cognitive Architecture*

Presenting Author: **Yanze Liu**, University of Sussex

Yanze Liu: University of Sussex; **Peter Cheng**: University of Sussex

VP-AA-639-1693 *Working Memory Effects on Higher-order Language Processing: An fMRI Study*

Presenting Author: **Chia-Hsin Yin**, The Ohio State University

Chia-Hsin Yin: The Ohio State University

VP-AA-640-1941 *Metamemory based on retrospective judgments only predict recollection but not automatic influences*

Presenting Author: **Sanika Patil**, Indian Institute of Technology, Kanpur

Sanika Patil: Indian Institute of Technology, Kanpur; **Narayanan Srinivasan**: Indian Institute of Technology

VP-AA-641-2466 *Using Pupillometry to Assess Visual Working Memory for Temporal Order*

Presenting Author: **Ariel Starr**, University of Washington

Ariel Starr: University of Washington

VP-AA-642-1276 *Integrating Neural Embedding Models with an Instance Memory Model to Explain False Recognition*

Presenting Author: **Minyu Chang**, McGill University

Minyu Chang: McGill University; **Brendan Johns**: McGill University

VP-AA-643-1329 *Judgment of learning reactivity is stronger for randomized than blocked categorized lists: A challenge for the item-specific processing account*

Presenting Author: **Minyu Chang**, McGill University

Minyu Chang: McGill University; **Charles Brainerd**: Cornell University

VP-AA-644-1978 *The effect of categorical distinctiveness on memory recognition*

Presenting Author: **Ivan Aslanov**, University of Chile

Ivan Aslanov: University of Chile; **Alexey Kotov**: Higher School of Economics

VP-AA-344-1417 *Bringing the Forgotten Back to Life: Providing To-Be-Forgotten Information as Retrieval Cues Improves Memory*

Presenting Author: **Pelin Tanberg**, University of Waterloo

Pelin Tanberg: University of Waterloo; **Colin M. MacLeod**: University of Waterloo

VP-AA-724-1158 *Grain size effects in retrieval practice*

Presenting Author: **Hilary Don**, University College London

Hilary Don: University College London; **Shaun Paul Boustani**: University College London; **Chunliang Yang**: Beijing Normal University; **David Shanks**: University College London

VP-AA-727-1483 *Children use disagreement to infer what happened*

Presenting Author: **Jamie Amemiya**, University of Chicago

Jamie Amemiya: University of Chicago; **Gail D. Heyman**: UC San Diego; **Tobias Gerstenberg**: Stanford University

VP-BB-645-2119 *Metacognitive skill: how it is acquired*

Presenting Author: **Brendan Conway-Smith**, Carleton University

Brendan Conway-Smith: Carleton University; **Robert L West**: Carleton University; **Myrto Mylopoulos**: Carleton University

VP-DD-646-1583 *A Neural Model of Number Comparison with Robust Generalization*

Presenting Author: **Thomas Shultz**, McGill University

Thomas Shultz: McGill University; **Ardavan S. Nobandegani**: McGill University; **Zilong Wang**: McGill University

VP-EE-647-1295 *The Interplay of Relevance, Sensory Uncertainty and Statistical Learning Influences Auditory Categorization*

Presenting Author: **Janaki Sheth**, University of Pennsylvania

Janaki Sheth: University of Pennsylvania; **Jared S Collina**: University of Pennsylvania; **Konrad Kording**: University of Pennsylvania; **Yale Cohen**: University of Pennsylvania; **Maria Geffen**: University of Pennsylvania

VP-EE-648-1825 *Moving the Goalposts: The Influence of Context on Behavioral Transitions in a Unilateral Manual Reaching Task*

Presenting Author: **Dalton S Cooper**, University of Cincinnati

Dalton S Cooper: University of Cincinnati; **Tarcisio S Moreira**: University of Cincinnati; **Tehran Jespah Davis**: University of Cincinnati

VP-EE-649-2024 *The Influence of Beauty Ideals on Instagram Filter Detection in Young Adults*

Presenting Author: **Verónica Ramenzoni**: National Scientific and Technological Council of Argentina

Verónica Ramenzoni: National Scientific and Technological Council of Argentina

VP-EE-650-2553 *Disrupting naturalistic temporal structure impacts musical memory, prediction, and segmentation*

Presenting Author: **Sarah Izen**, University of Rochester

Sarah Izen: University of Rochester; **Elise A. Piazza**: University of Rochester

VP-EE-651-1264 *Are Facial Expressions Predictors for the Sense of Agency in a Dot Control Task?*

Presenting Author: **Tina Frenzel**, Chemnitz University of Technology

Tina Frenzel: Chemnitz University of Technology; **Daniel Brand**: Chemnitz University of Technology; **Marco Ragni**: TU Chemnitz

VP-EE-652-1296 *Hierarchical Grouping of Simple Visual Scenes*

Presenting Author: **Patrick James Rice**, Rice University

Patrick Rice: Rice University; **Jiayue (Linda) Mao**: Rice University; **Ziying (Ariana) Zhu**: Rice University; **Emily Wu**: Rice University; **Michael Byrne**: Rice University

VP-EE-653-1713 *An on-line study about recognition of improvisation theatre using audio-visual information*

Presenting Author: **Yumi Hughes**, The University of Tokyo

Yumi Hughes: The University of Tokyo; **Kae Mukai**: Waseda University; **Katsumi Watanabe**: Waseda University; **Kazutoshi Kudo**: The University of Tokyo

VP-EE-654-1913 *Multimodal Person Evaluation: First Impressions from Faces, Voices, and First Names*

Presenting Author: **Dr Mila Mileva**, University of Plymouth

Mila Mileva: University of Plymouth

VP-EE-655-1914 *The Objectifying Gaze: Impact of Sexualized Media on Viewer Gaze Behavior towards (Non)Traditional Attire*

Presenting Author: **Bhupathiraju Krishna Srija**, International Institute Of Information Technology

Bhupathiraju Krishna Srija: International Institute Of Information Technology; **ayushi kumari agrawal**: International Institute of Information Technology Hyderabad; **Kavita Vemuri**: International Institute of Information Technology – Hyderabad

VP-EE-656-2308 *Do men and women process happy and sad music alike*

Presenting Author: **Ashish Gupta**, Indian Institute of Technology Kanpur

Ashish Gupta: Indian Institute of Technology Kanpur; **Chandan Kumar Srivastava**: IIT Bombay; **Braj Bhushan**: Indian Institute of Technology Kanpur; **Laxmidhar Behera**: Indian Institute of Technology

VP-EE-657-2482 *Connecting Adaptive Perceptual Learning and Signal Detection Theory in Skin Cancer Screening*

Presenting Author: **Philip Kellman**, University of California, Los Angeles

Philip J Kellman: University of California, Los Angeles; **Christine M. Massey**: University of California, Los Angeles; **Sally Krasne**: UCLA School of Medicine; **Everett Mettler**: University of California, Los Angeles

VP-EE-658-1796 *Processing Scatterplots: Impact of Outliers on Correlational and Causal Inferences*

Presenting Author: **Aysecan Boduroglu**, Koc University

Aysecan Boduroglu: Koc University

VP-EE-659-2098 *Models of human visual clustering*

Presenting Author: **Vijay Marupudi**, Georgia Institute of Technology

Vijay Marupudi: Georgia Institute of Technology; **Sashank Varma**: Georgia Tech

VP-EE-660-2188 *Visual perception of mechanical motion: A comparison of methods that disrupt biological motion*

Presenting Author: **Gizem Özen**, UMRAM

Gizem Özen: UMRAM; **Burcu A. Urgen**: Bilkent University

VP-EE-661-2256 *Multisensory Integration of Audiovisual Information in Avatar Faces: An Experimental Investigation of McGurk Effect*

Presenting Author: **Cengiz Acarturk**, Middle East Technical University

Babak Allahgholipour: Middle East Technical University; **Furkan Yaz**: Middle East Technical University; **Ayşegül Özkan**: Jagiellonian University; **Cengiz Acarturk**: Jagiellonian University

VP-EE-662-2655 *Cognitive Reflection Test Performance with Arial and Sans Forgetica Font*

Presenting Author: **Lucy Cui**, UCLA

Lucy Cui: UCLA; **Lindsay Anne Harrison**: University of California, Los Angeles; **Jereth Liu**: Geffen Academy at UCLA

VP-EE-230-2030 *Does Linguistic Behavior Influence Blame and Punishment?*

Presenting Author: **Parla Buyruk**, University of California, San Diego

Parla Buyruk: University of California, San Diego; **Lera Boroditsky**: University of California, San Diego

VP-EE-730-1804 *Dynamic Modeling of Visual Search*

Presenting Author: **Zainab Mohamed**, Indiana University Bloomington

Zainab Mohamed: Indiana University Bloomington; **Denis Cousineau**: University of Ottawa; **Samuel Harding**: Syracuse University; **Richard Shiffrin**: Indiana University

VP-FF-663-1746 *Drawing on Perspective Cues in Pronoun Resolution*

Presenting Author: **Tiana V. Simovic**, University of Toronto

Tiana V. Simovic: University of Toronto; **Craig Chambers**: University of Toronto

VP-FF-664-2054 *Who saves the day? Challenging children's linguistic biases through exposure to foreign-accented cartoon heroes*

Presenting Author: **Kaitlyn Harris**, University of Toronto Mississauga

Kaitlyn Harris: University of Toronto Mississauga; **Thomas St. Pierre**: University of Toronto Mississauga; **Elizabeth Johnson**: University of Toronto

VP-FF-108-2163 *Same situation, different goals: Exploring how people construct stories from streams of experience*

Presenting Author: **Naomi Vaida**, Princeton University

Naomi Vaida: Princeton University; **Susan Fiske**: Princeton University; **Robert Hawkins**: Princeton University

VP-GG-665-1538 *Exploring Restructuring and Aha! in the Context of Computer Programming*

Presenting Author: **Taylor Strickland Miller**, University of Illinois at Chicago

Taylor Strickland Miller: University of Illinois at Chicago; **Zain K Aamer**: University of Illinois at Chicago; **Jennifer Wiley**: University of Illinois at Chicago

VP-GG-666-2656 *Differential Effect of Young Adults' and Students' MetaCognitive Skills in Mathematics Problem Solving Process*

Presenting Author: **Bengi Birgili**, MEF University

Bengi Birgili: MEF University; **Rumeysa Can**: MEF University; **Tuna Çakar Çakar**: MEF University; **Hanife Akar**: Middle East Technical University

VP-GG-232-1079 *Measuring Collaborative Problem Solving Capability Using Peer Assessment*

Presenting Author: **Min Hae Song**, Department of psychology

Min Hae Song: Department of psychology; **Jooyong Park**: Department of Psychology

VP-HH-667-1270 *Attention in the mind's eye: using the Navon attention task to track the way the grammatical structure of text passages modulate mental simulation of perspective*

Presenting Author: **Joseph Salve**, Homi Bhabha Centre for Science Education

Joseph Salve: Homi Bhabha Centre for Science Education; **Kamakshi Khosla**: Homi Bhabha Centre for Science Education; **Shruti Jindal**: Homi Bhabha Centre for Science Education; **Aamir sahil Chandroth**: HBCSE; **Mukesh Makwana**: Brown University; **Sanjay Chandrasekharan**: Tata Institute of Fundamental research

VP-HH-668-2213 *Do caregivers' communicative adjustments enhance 4- and 5-year-olds' word learning? Testing the generalizability of the fine-tuning hypothesis to naturalistic shared reading interactions*

Presenting Author: **Laura Diprossimo**, Lancaster University

Laura Diprossimo: Lancaster University; **Kate Cain**: Lancaster University

VP-HH-669-1218 *Scare quotes in name-informing constructions: A self-paced reading study on the processing of modalizing quotational constructions*

Presenting Author: **Natascha Raue**, University of Kassel

Natascha Raue: University of Kassel

VP-HH-670-1275 *Reading Comprehension as Embodied Action: Exploratory Findings on Nonlinear Eye Movement Dynamics and Comprehension of Scientific Texts*

Presenting Author: **Moritz Bammel**, Humboldt-Universität zu Berlin

Moritz Bammel: Humboldt-Universität zu Berlin; **Guilherme Sanches de Oliveira**: Technische Universität Berlin

VP-HH-671-2008 *Integrating in Interleaved Conflicting Documents: Content Preference and Epistemic Beliefs Matter*

Presenting Author: **Integrating in Interleaved Conflicting Documents: Content Preference and Epistemic Beliefs Matter**, Central China Normal University

Qiyao Tan: Central China Normal University; **Junyi Liao**: Central China Normal University; **Yun Tang**: Central China Normal University

VP-II-672-1051 *Exploring the relationship between popular culture and perceptions of social standing in Science, Technology, Engineering, Mathematics, and Medicine (STEMM) careers: a pilot study using path analysis*

Presenting Author: **Pranjal Garg**, All India Institute of Medical Sciences, Rishikesh

Pranjal Garg: All India Institute of Medical Sciences, Rishikesh ; **Rithika Chunduri**: Shoolini University; **Chinmayi Balusu**: Columbia University

VP-II-673-1806 *Socio-Affective Traits Mediating Charitable Giving*

Presenting Author: **Lucila Arroyo**, University of California Irvine
Lucila Arroyo: University of California Irvine; **Mimi Liljeholm**: University of California, Irvine

VP-JJ-674-1525 *Risk Literacy is Associated with Reduced Belief Bias in Medical Risk Evaluations: Evidence from Structural Modeling of Cognitive Abilities and Process Tracing*

Presenting Author: **Jinhyo Cho**, University of Oklahoma

Jinhyo Cho: University of Oklahoma; **Clayton Ulm**: University of Oklahoma Health Sciences Center; **Edward Cokely**: University of Oklahoma

VP-JJ-675-1819 *A Computational Model of Children's Learning and Use of Probabilities*

Presenting Author: **Zilong Wang**, McGill University

Zilong Wang: McGill University; **Thomas Shultz**: McGill University; **Ardavan S. Nobandegani**: McGill University

VP-JJ-676-2025 *Turkish- and English- speaking children's belief revision based on their evaluation of counterarguments*

Presenting Author: **F. Ece Özkan**, University of Toronto

F. Ece Özkan: University of Toronto; **Samuel Ronfard**: University of Toronto; **Bahar Köymen**: University of Manchester

VP-JJ-677-2273 *Accentuate the negative: Expectations about sampling procedures determine the impact of negative evidence on children's inductive judgments*

Presenting Author: **Chris Lawson**, Department of Educational Psychology

Chris Lawson: Department of Educational Psychology; **Vittoria Sipone**: UW-Milwaukee; **Ethan Harris**: UW-Milwaukee

VP-JJ-678-2300 *Preschoolers select the relevant information when looking for a hidden present*

Presenting Author: **Daniil Serko**, MPRG iSearch, Max Planck Institute for Human Development

Daniil Serko: MPRG iSearch, Max Planck Institute for Human Development; **Yi Lin Li**: MPRG iSearch, Max Planck Institute for Human Development; **Nora Swaboda**: Max Planck Institute for Human Development; **Azzurra Ruggeri**: Max Planck Institute for Human Development

VP-JJ-679-2362 *Do constraints in APM solving affect APM-like puzzle creation?*

Presenting Author: **Nishanth Arcot**, IIIT Hyderabad

Nishanth Arcot: IIIT Hyderabad; **Priyanka Srivastava**: International Institute of Information Technology, Hyd; **Saskia Jaarsveld Phd, Dr habil.**: Technisc he Universität Kaiserslautern

VP-JJ-680-2368 *Asymmetry in Political Information Processing: Congruency-based reasoning in belief revision and political decision making*

Presenting Author: **Abhirup Chattopadhyay**, IIT Kanpur

Abhirup Chattopadhyay: IIT Kanpur; **Harish C Karnick**: IIT Kanpur; **Narayanan Srinivasan**: IIT Kanpur

VP-JJ-681-2452 *Promoting Climate Actions: Applying a cognitive constraints approach*

Presenting Author: **Emily Wong**, University of California, Los Angeles

Emily Wong: University of California, Los Angeles; **Patricia Cheng**: UCLA; **Junho Lee**: Northeastern University

VP-JJ-682-2616 *Causal Structure and Argumentative Value*

Presenting Author: **Ulrike Hahn**, Birkbeck, University of London

Ulrike Hahn: Birkbeck, University of London; **Borut Trpin**: LMU Munich; **Stephan Hartmann**: LMU Munich; **Marko Tesic**: Birkbeck, University of London; **Anita Keshmirian**: Ludwig Maximilian University of Munich; **Corina Ströbner**: Birkbeck, University of London

VP-JJ-683-1793 *Hybrid Frameworks of Reasoning: Normative-Descriptive Interplay*

Presenting Author: **Corina Ströbner**, Birkbeck, University of London

Corina Ströbner: Birkbeck, University of London

VP-JJ-684-1875 *Logic and Psychology—Minding the Gap with Jean Piaget*

Presenting Author: **Dr Mark A Winstanley**, Unaffiliated

Mark A Winstanley: Unaffiliated

VP-JJ-685-1954 *The Epistemic Weight of Silence*

Presenting Author: **David Young**, University of Cambridge

David J. Young: University of Cambridge; **Jens Koed Madsen**: London School of Economics; **Sayeh Yousefi**: London School of Economics and Political Science

VP-JJ-686-2071 *Evaluating testimony from multiple witnesses: consistent undervaluing and selective devaluing of corroborating reports*

Presenting Author: **Kirsty Phillips**, Birkbeck, University of London
Kirsty Phillips: Birkbeck, University of London; **Ulrike Hahn**: Birkbeck, University of London; **Toby D Pilditch**: University College London

VP-JJ-687-2292 *On the Value of Coherent Information*

Presenting Author: **Borut Trpin**, LMU Munich
Stephan Hartmann: LMU Munich; **Borut Trpin**: LMU Munich

VP-JJ-688-2332 *Do people prefer prediction over accommodation? An empirical study*

Presenting Author: **Laura Elaine Strittmatter**, ETH Zurich
Laura Elaine Strittmatter: ETH Zurich; **Stephen H Dewitt**: University College London; **David Lagnado**: University College London

VP-JJ-689-2364 *Relations Between Anthropocentric Thinking and Biological Misconceptions in Students attending Urban and Rural Universities*

Presenting Author: **Eloise Davenport**, Northeastern University
John D Coley: Northeastern University; **Eloise Davenport**: Northeastern University; **Sarah Bissonnette**: Stanislaus State University; **Andrea Burton**: San Francisco State University; **Kimberly Tanner**: San Francisco State University

VP-JJ-690-2561 *Characterizing Shifts in Strategy in Active Function Learning*

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

VP-JJ-691-1480 *Thinking about Thinking as Rational Computation*

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

VP-JJ-692-1505 *Adaptivity and optimization under constraints*

Presenting Author: **Reba Koenen**, Georgia Institute of Technology
Reba Koenen: Georgia Institute of Technology; **Sashank Varma**: Georgia Tech

VP-JJ-693-1759 *Effect of Response Format on Syllogistic Reasoning*

Presenting Author: **Effect of Response Format on Syllogistic Reasoning**, Chemnitz University of Technology
Daniel Brand: Chemnitz University of Technology; **Marco Ragni**: TU Chemnitz

VP-JJ-694-1775 *Can Adults Revise Their Core Beliefs about Agents?*

Presenting Author: **Rongzhi Liu**, University of California, Berkeley
Rongzhi Liu: University of California, Berkeley; **Fei Xu**: UC Berkeley

VP-JJ-695-1783 *The Impact of Personality for Solving Complex Problems*

Presenting Author: **Elisa-Maria Heinrich**, University of Technology Chemnitz
Elisa-Maria Heinrich: University of Technology Chemnitz; **Marco Ragni**: TU Chemnitz

VP-JJ-696-2087 *Estimating attitudes toward vaccination: A Bayesian framework*

Presenting Author: **Jens Koed Madsen**, London School of Economics
Jens Koed Madsen: London School of Economics; **Toby D Pilditch**: University College London; **Helena Zagala**: London School of Economics; **Diane Cordier**: London School of Economics and Political Sciences

VP-JJ-697-2204 *Towards Bridging the Gap Between Conditional and Syllogistic Reasoning*

Presenting Author: **Sara Todorovikj**, University of Technology Chemnitz
Sara Todorovikj: University of Technology Chemnitz; **Daniel Brand**: Chemnitz University of Technology; **Marco Ragni**: TU Chemnitz

VP-JJ-698-2351 *Inverse Hypercorrection of Metacognitive Errors*

Presenting Author: **Paulina N. Silva**, University of California, Irvine
Paulina N. Silva: University of California, Irvine; **Mimi Liljeholm**: University of California, Irvine

VP-JJ-699-2674 *Confirmation, Coherence and the Strength of Arguments*

Presenting Author: **Borut Trpin**, LMU Munich
Stephan Hartmann: LMU Munich; **Borut Trpin**: LMU Munich

VP-JJ-700-1185 *Conditionals conflict with their denials*

Presenting Author: **Sangeet Khemlani**, Naval Research Laboratory
Sangeet Khemlani: Naval Research Laboratory; **ISABEL ORENES**: Universidad Nacional de Educación a Distancia (UNED); **Sangeet Khemlani**: Naval Research Laboratory; **Orlando Espino**: University of La Laguna

VP-KK-701-1630 *What was and what will be: What gestures are used in open-world task-based referential communication?*

Presenting Author: **Mark Higger**, Colorado School of Mines
Mark Higger: Colorado School of Mines; **Zhao Han**: Colorado School of Mines; **Tom Williams**: Colorado School of Mines

VP-LL-702-2065 *Training-Induced Linguistic Relativity and Embodied Processing*

Presenting Author: **Yuyan Xue**, Cambridge University
Yuyan Xue: Cambridge University; **John Williams**: University of Cambridge

VP-LL-703-2632 *A Colorful Formalization the Typological Prevalence Hypothesis*

Presenting Author: **Jules Torgue**, The University of Edinburgh
Jules Torgue: The University of Edinburgh; **Francis Mollica**: University of Edinburgh; **Matthew Spike**: University of Edinburgh

VP-MM-704-1224 *Authoritative Parenting and Beliefs in Agency Impact Children's Views on Fairness and Inequality*

Presenting Author: **Umiemah Farrukh**, University of California, Los Angeles
Umiemah Farrukh: University of California, Los Angeles; **Lucy Stowe**: UC Davis; **Nadia Chernyak**: University of California – Irvine

VP-MM-705-1550 *Lexical diversity in parents' responses to infants' vocalisations during peekaboo play across digital media contexts*

Presenting Author: **Wan-Ting Yeh**, University of Auckland
Wan-Ting Yeh: University of Auckland; **Annette M. E. Henderson**: University of Auckland

VP-MM-706-1821 *Changing Children's Intergroup Biases and Social Stereotypes Through Statistical Counterevidence*

Presenting Author: **Rongzhi Liu**, University of California, Berkeley
Rongzhi Liu: University of California, Berkeley; **Gil Diesendruck**: Bar-Ilan University; **Fei Xu**: UC Berkeley

VP-MM-707-2033 *Parents take over less when they think their young child is learning*

Presenting Author: **Reut Shachnai**, Yale University
Reut Shachnai: Yale University; **Mika Asaba**: Yale University; **Lingyan Hu**: University of Pennsylvania; **Julia Anne Leonard**: Yale University

VP-MM-708-2350 *Who feels more sad? Children reason about sunk costs to infer emotions*

Presenting Author: **Claudia G. Sehl**, University of Waterloo
Claudia G. Sehl: University of Waterloo; **Stephanie Denison**: University of Waterloo ; **Ori Friedman**: University of Waterloo

VP-MM-709-1423 *Costs and Benefits of Helping; How Children and Adults Estimate the Intended Effort of Acting Together*

Presenting Author: **Trinidad Belén Speranza**, National Scientific and Technical Research Council
Trinidad Belén Speranza: National Scientific and Technical Research Council; **Verónica Ramenzoni**: National Scientific and Technological Council of Argentina

VP-MM-710-2041 *Children's representations of others' gender biases*

Presenting Author: **Mika Asaba**, Yale
Mika Asaba: Yale; **Marianna Y. Zhang**: Stanford University; **Julia Anne Leonard**: Yale University

VP-MM-711-1631 *The association between types of caregiver mental state language and toddler perspective-taking*

Presenting Author: **Urvi Shah**, UCLA
Urvi Shah: UCLA; **Emily M Neer**: University of California, Los Angeles; **Siobhan Sive Glynn**: University of California - Los Angeles; **Catherine Sandhofer**: University of California, Los Angeles

VP-MM-712-2193 *"I forgive you!" – Exploring the Impact of Forgiveness on Negative Emotions and Blame*

Presenting Author: **Walker Siu Hong Au**, University of Zurich
Pascale Willemssen: University of Zurich

VP-MM-713-2356 *Cutting out the waste: Children think others should avoid wasting resources*

Presenting Author: **Claudia G. Sehl**, University of Waterloo
Claudia G. Sehl: University of Waterloo; **Ori Friedman**: University of Waterloo; **Stephanie Denison**: University of Waterloo

VP-MM-714-2363 *Detecting social biases using mental state inference*

Presenting Author: **Mika Asaba**; **Isaac Davis**, Yale University
Mika Asaba: Yale University; **Isaac Davis**: Yale University; **Julia Anne Leonard**: Yale University; **Julian Jara-Ettinger**: Yale University

VP-MM-715-2386 *Guiding Inference: Signaling intentions using efficient action*

Presenting Author: **Amanda Royka**, Yale University
Amanda L Royka: Yale University; **Georgina Török**: Max Planck Institute for Human Development; **Julian Jara-Ettinger**: Yale University

VP-MM-716-2446 *Skirting the Sacred: Moral Violations make Intentional Misunderstandings Worse*

Presenting Author: **Kiera Parece**, Harvard University
Kiera Parece: Harvard University; **Sophie Bridgers**: Massachusetts Institute of Technology; **Laura Schulz**: Massachusetts Institute of Technology; **Tomer D. Ullman**: Harvard University

VP-MM-373-1140 *Shared experiences strengthen social connectedness through shared impression formation and communication behavior*

Presenting Author: **Wasita Mahaphanit**, Dartmouth College
Wasita Mahaphanit: Dartmouth College; **Luke Chang**: Dartmouth College

VP-MM-122-2343 *Development of Multimodal Turn Coordination in Conversations: Evidence for Adult-like behavior in Middle Childhood*

Presenting Author: **Abhishek Agrawal**, Aix-Marseille University
Abhishek Agrawal: Aix-Marseille University; **Jing Liu**: Aix-Marseille University; **Kübra Bodur**: Aix-Marseille University; **Benoit Favre**: Aix-Marseille University; **Abdellah Fourtassi**: Aix-Marseille University

VP-NN-717-2539 *Quantifying the Digital Phenotype of Loneliness on Twitter*

Presenting Author: **Ege Otenen**, Indiana University

Ege Otenen: Indiana University; **Ozgur Can Seckin**: Indiana University; **Danny Valdez**: Indiana University; **Johan Bollen**: Indiana University

VP-NN-718-2686 *Referring to people with only a last name: Comparing gender biases in humans and chatGPT*

Presenting Author: **Elsi Kaiser**, University of Southern California

Elsi Kaiser: University of Southern California; **Deborah Ho**: University of Southern California; **Haley Hsu**: University of Southern California; **Claire Benet Post**: University of Southern California; **Madeline Rouse**: University of Southern California

VP-OO-719-1946 *Typology of topological relations using machine translation*

Presenting Author: **Tanguy Tiran**, CNRS / Aix-Marseille Université

Floor Meewis: CNRS / Aix-Marseille Université; **Abdellah Fourtassi**: Aix-Marseille University; **Isabelle Dautriche**: Aix-Marseille University, CNRS

VP-OO-720-2348 *Flexible spatial memory in children: Different reference frames on different axes*

Presenting Author: **Benjamin Pitt**, UC Berkeley

Benjamin Pitt: UC Berkeley; **Sahra Aalaei**: University of California, Berkeley; **Alison Gopnik**: University of California at Berkeley

VP-PP-721-1451 *Cognitive biases for word order between numeral, classifier and noun*

Presenting Author: **Fang Wang**, University of Edinburgh

Fang Wang: University of Edinburgh; **Simon Kirby**: The University of Edinburgh; **Jennifer Culbertson**: University of Edinburgh

VP-PP-722-2645 *Compounds as a Window into the Grammar of Reduced Registers*

Presenting Author: **Anastasia Smirnova**, San Francisco State University

Anastasia Smirnova: San Francisco State University

VP-QQ-723-1972 *Leveraging context for perceptual prediction using word embeddings*

Presenting Author: **Georgia-Ann Carter**, University of Edinburgh

Georgia-Ann Carter: University of Edinburgh; **Paul Hoffman**: University of Edinburgh; **Frank Keller**: University of Edinburgh



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