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

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
### PROGRAM AT A GLANCE

**WEDNESDAY, JULY 26 2023**

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<tr>
<th>Time</th>
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<tr>
<td>08:30</td>
<td>Workshop 1: How does the mind discover useful abstractions?</td>
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<td>09:30</td>
<td>Workshop 2: Putting interaction center-stage for the study of knowledge structures and processes</td>
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<td>Workshop 3: Advancing cognitive science and AI benchmarking</td>
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<td>Workshop 4: Towards broader adoption of massive online experiments</td>
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<td>16:00</td>
<td>Workshop 5: Large language models meet cognitive science</td>
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<td>Workshop 6: Video games as a path to a contextualized cognitive science, or how to play 20 questions with nature and win</td>
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<td>17:00</td>
<td>Lunch on Own (12:00-13:00)</td>
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<td>18:00</td>
<td>Welcome from CSS Chair &amp; Program Chairs</td>
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<td>Keynote: Megan Bang</td>
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FRIDAY, JULY 28 2023

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<td>T.01: Cognitive Science and Emotion</td>
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<td>T.02: Analogies &amp; Large Language Models + Cognition and Emotion</td>
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<td>T.03: Cognitive Science 1: Social Learning and Cooperation</td>
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<td>T.05: Cognitive Science 3: Social Learning and Education</td>
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<td>T.06: Relational Learning: Commitments and Roles for Different Contexts</td>
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<td>T.07: Marks and Meanings: New perspectives on the evolution of human symbolic behavior</td>
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<td>T.08: Spatial cognition</td>
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<td>T.11: Language and AI</td>
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<td>T.23: Concepts and Representation</td>
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<td>T.31: Human-Computer Interaction</td>
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Posters Session 3 with Lunch provided (11:50 - 13:50)
# TABLE OF CONTENTS

Letter from the President .................................................. 1  
Dear Colleagues .............................................................. 2  
Acknowledgments ........................................................... 3  
Organizing Committee ...................................................... 4  
Program Committee ........................................................ 4  
Conference Chairs ......................................................... 5  
Society Information ........................................................ 6  
  ABOUT THE COGNITIVE SCIENCE SOCIETY ....................... 6  
  ADMINISTRATION ....................................................... 7  
  MEMBERSHIP INFORMATION ....................................... 7  
  COGNITIVE SCIENCE SOCIETY GROVE ......................... 8  
Conference Services ....................................................... 9  
  THE VENUE: ICC SYDNEY ............................................ 9  
  REGISTRATION ......................................................... 9  
  PROCEEDINGS INFORMATION ..................................... 12  
  PRESENTATION INSTRUCTIONS .................................... 13  
  POSTER SESSION TIMES ............................................. 14  
Thank you to our Sponsors and Exhibitors .......................... 15  
CogSci Keynote Speakers ................................................ 16  
CogSci Awards ............................................................ 18  
  THE DAVID E. RUMELHART PRIZE ................................ 18  
  THE JEFFREY L. ELMAN PRIZE FOR SCIENTIFIC ACHIEVEMENT  
  AND COMMUNITY BUILDING ....................................... 19  
  THE LILA R. GLEITMAN PRIZE FOR  
  EARLY-CAREER CONTRIBUTIONS TO COGNITIVE SCIENCE .... 20  
  THE ROBERT J. GLUSHKO DISSERTATION PRIZES ............. 21  
Conference Awards ....................................................... 22  
  DIVERSITY & SOCIAL INEQUALITY AWARDS ..................... 25  
  DISCIPLINARY DIVERSITY & INTEGRATION AWARD  
  IN COGNITIVE SCIENCE ........................................... 25  
  STUDENT TRAVEL GRANTS ......................................... 25  
CogSci 2023 Detailed Schedule ........................................ 27  
Workshops ................................................................. 51  
Invited Symposia .......................................................... 54  
Symposia ................................................................. 55  
Poster Sessions ........................................................... 62
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)
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
- Florencia Anggoro
- Brett Hayes
- Desmond Ong

**Technical Chair**
- David Cserjan
- Sharon Zwack

**Prizes and Awards**
- Stella Christie
- Benjamin Rottman
- Tom Griffiths
- Hongjing Lu
- Alex Doumas
- Andrew Lovett

**Diversity & Inclusion Awards**
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- Arielle Borovsky

**Member Abstracts**
- Benjamin Jee
- Katherine White
- Christopher Dancy
- Jeni Kubota
- Santiago Alonso Diaz
- Cynthia Siew

**Symposia**
- Andrew Perfors
- Elika Bergelson

**Tutorials and Workshops**
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- Marisa Casillas
- John McCoy
- Iris van Rooij

**Social Media & Graphics**
- Marcelo Viridiano

**Sponsorship**
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- Tom Griffiths
- Brett Hayes

**Volunteer Coordinator**
- Omid Ghasemi

**Society Conference Committee**
- Stephanie Denison
  - Dan Grodner
  - Janet Hsiao
  - Anna Papafragou

### PROGRAM COMMITTEE

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<th>Ercenur Aoenal</th>
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Kevin Gluck  
Adele Goldberg  
Micah Goldwater  
Laura Gonnerman  
Cleotilde Gonzalez  
Naveen Sundar  
Govindarajulu  
Tom Griffiths  
Myrto Grigoroglou  
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Hyowon Gweon  
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Sebastien Helie  
Kevin Holmes  
Zachary Horne  
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Evan Kidd  
Pia Knoeferle  
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Jennifer Kubota  
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Gregor Schöner  
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Kenny Smith  
Jordan Suchow  
Heike Tappe  
Josh Tenenbaum  
Greg Trafton  
Kristian Tylen  
Tomer Ullman  
M. Afzal Upal  
Constantijn van der Burght  
Iris van Rooij  
Dan Ventura  
Tessa Verhoef  
Markus Werning  
Eva Wittenberg  
Fei Xu  
Sami Yousif  
Chen Yu

CONFERENCE CHAIRS

Micah Goldwater,  
*University of Sydney, Australia*

Brett Hayes,  
*UNSW-Sydney, Australia*

Florenca Anggoro,  
*College of the Holy Cross, USA*

Desmond Ong,  
*University of Texas at Austin, 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.

GOVERNANCE

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Future Chair Anna Papafragou, University of Pennsylvania
Past Chair Kenny Smith, University of Edinburgh
Executive Officer Erica Hsiung Wojcik, Skidmore College
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Tilbe Göksun, Koç University
Cleotilde Gonzalez, Carnegie Mellon University
Tom Griffiths, Princeton University
Janet H. Hsiao, University of Hong Kong
Mutsumi Imai, Keio University
Charles Kemp, University of Melbourne
Roger Levy, Massachusetts Institute of Technology
Ken McRae, University of Western Ontario
Natalie Sebanz, Central European University
Ercenur Ünal, Ozyegin University
Tiwa Eisape, Massachusetts Institute of Technology
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Association Assistant: Rachel Waller

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.

Oxford University Press

Save 30% on Cognitive Science books

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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

<table>
<thead>
<tr>
<th>Date</th>
<th>Hours</th>
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<tr>
<td>Wednesday, July 26</td>
<td>07:30 – 18:00</td>
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<tr>
<td>Thursday, July 27</td>
<td>07:30 – 16:45</td>
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<tr>
<td>Friday, July 28</td>
<td>07:30 – 18:15</td>
</tr>
<tr>
<td>Saturday, July 29</td>
<td>07:30 – 16:15</td>
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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 (Pyrmont 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.
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.
- Rumhelhart 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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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.
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


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 explains 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 Christansen, 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 Pyrmont 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 Marjieh, 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-Universitaet
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
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**
Pyrmont Foyer

07:30 - 08:30  **MORNING COFFEE**
Pyrmont 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-AI benchmarking*
Room C2.3
[details]

08:30 - 16:30  **Workshop 4**: *Towards broader adoption of massive online experiments*
Room C2.4
[details]

08:30 - 16:30  **Workshop 6**: *Video games as a path to a contextualized cognitive science, or how to play 20 questions with nature and win*
Room C2.6
[details]

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

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

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

13:00 - 17:00  **Workshop 5**: *Large language models meet cognitive science*
Room C2.5
[details]

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

17:00 - 18:00  **Affinity Meeting**: *Women in Cognitive Science (WICS+)*
Room C2.1
[details]

**THURSDAY, JULY 27TH, 2023**

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

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

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

09:00 - 10:00  **KEYNOTE:**
*Megan Bang, Northwestern University*
10:00 - 10:30  COFFEE BREAK
Pyrmont Foyer

10:30 - 11:10  GLEITMAN TALK:
Pyrmont Theatre
A High-Fidelity Perceptual Interface Of The Visual World
Talia 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
Pyrmont 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
10:30 - 11:50  T.03: **Language Acquisition 1**

**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 as 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**

**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. Ororbia II, Rochester Institute of Technology*

*Alexander Ororbia: 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 Pyrmont Foyer
POSTER SESSION 1 WITH COFFEE AND DESSERT
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 Marjieh, 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 Academy of Sciences
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_

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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; Torgrim 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*

*Symposium chair: Steve Flusberg, SUNY Purchase*

*Presenters: Kevin Holmes, Reed College*

*Tyler Marghetis, University of California, Merced*
14:00 - 15:20
Room C2.1
**S.03: Building a consensus about consensus: psychological, computational and philosophical approaches**

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
Pyrmont Theatre
**RUMELHART PRIZE KEYNOTE**

*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
Adria Bar Restaurant
**RUMELHART RECEPTION**

Celebrate the 24th Rumelhart Winner Announcement

FRIDAY, JULY 28TH, 2023

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

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

8:30 - 9:50
Pyrmont Theatre
**RUMELHART SYMPOSIUM**

Symposium Chair: Morten Christiansen, Cornell University

Presenters: Adele Goldberg, Princeton University; Sydney Levine, Allen Institute for AI; Josh Tenenbaum, MIT

8:30 - 9:50
Room C2.1
**S.02: Space in Context: Communicative factors shape spatial language**

Speakers: Myrto Grigoroglou: University of Toronto; Barbara Landau: Johns Hopkins University; Anna Papafragou: University of Pennsylvania; Ercenur Ünal: Özyeğin University; Kevser Kirbaşoğlu: 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 achievement

*Presenting 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 Perception

*Presenting 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 x 3 = 3 x 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**

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

Tanja Hirvonen, Black Dog Institute
Teenie Matlock, University of California – Merced
Natasha Tassell-Matamua, Massey University
Jakelin Troy, University of Sydney

**S.05: Music Cognition between Theory and Experiment**
Room C2.1

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

**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**

**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.19.01.1193 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 Marjieh: 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 McDougle: 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  

_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 Raghuveer, Philipps-Universitaet  
Dhanaraaj Raghuveer: 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 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 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 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; Maria 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 Theofiloigiannakou: 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: Jessecae K. Marsh, Lehigh University
Julianne Wilson: Lehigh University; Jessecae 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 McLaren: SIFT; Drisana M Mosaphir: SIFT; Robert P. Goldman: Smart Information Flow Technologies; Pavan Kantharaju: Smart Information Flow

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 Schlesewsky: University of South Australia; Nicholas Evans: The Australian National University
**Program Schedule**

**FRIDAY, JULY 28**

15:20 - 16:40  
Room C2.1  
**S.09: Cognition in Context? What Role should Behavioural and Cognitive Science play in Public Policy**  
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  
**Pyrmont Theatre**  
**KEYNOTE:**  
Mateja Jamnik, University of Cambridge  
*How can we make trustworthy AI?*

**SATURDAY, JULY 29TH, 2023**

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

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

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

09:00 - 10:00  
**Pyrmont Theatre**  
**KEYNOTE:**  
Barbara A. Spellman, University of Virginia  
*Cognitive Science and Law: Where We Are(n’t)*

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

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

*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
Room C2.1
**S.10: Embodied Cognition in Context**
Speakers: Guilherme Sanches de Oliveira: Technische Universität Berlin

10:30 - 11:50
Room C2.2
**T.31: Human-Computer Interaction**

**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

**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 Develop

10:30 - 11:50
Room C2.3
**T.32: Reasoning & Inference 2**

**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 Nencheva: 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 Swingley: 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
Room C2.6

**T.35: Social Cognition 3: Social Learning and Education**

**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

**Pyrmont Foyer**

**POSTER SESSION 3 WITH LUNCH PROVIDED**

Lunch will be available from 1150-1320 only

13:50 - 15:10

**Pyrmont Theatre**

**Invited Symp: How Should Industry Influence Cognitive Science?**

*Daniel Goldstein, Daniel Goldstein Studio*

*Cleotilde Gonzalez, Carnegie Mellon University*

*David Landy, Netflix*

*Rob Youmans, Google Workspace*

13:50 - 15:10

**Room C2.1**

**S.11: Methodological issues in the cross-disciplinary study of numerical cognition**

*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

**Room C2.2**

**S.12: Mushrooms as ‘food for thought’: Cognitive science perspectives on fungi**

*Speakers: Aliki 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

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

Pyrmont 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
Room C2.1

How does the mind discover useful abstractions?

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
Room C2.3

Advancing cognitive science and AI with cognitive AI benchmarking


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 (Ba´nki, 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
Room C2.2
Putting interaction center-stage for the study of knowledge structures and processes

Organizers and Presenters: Joanna Rączaszek-Leonardi: University of Warsaw; Kristian Tylen: 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
Room C2.5
Large language models meet cognitive science: LLMs as tools, models, and participants

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-Wąsowicz & 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 Kirbaşoğlu, 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 DFR/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 Christansen, Cornell University; Asifa Majid, Oxford University; Ina Bornkessel-Schlesewsky, University of South Australia; Matthias Schlesewsky, 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; Christansen 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: Aliki 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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- Osiris 38: Beyond Craft and Code: Human and Algorithmic Cultures, Past and Present
- Signs and Society
- Schools: Studies in Education
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-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

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<thead>
<tr>
<th>Letter</th>
<th>Theme</th>
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<tr>
<td>A</td>
<td>AI</td>
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<td>Analogy and Reasoning</td>
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**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

Presenting Author: Justin Dulan, Kitware, Inc.
Brandon Richardwebster: Kitware, Inc.; Justin Dulan: 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-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; Youngon 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; 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 Superieure
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: Guillerme Sanches de Oliveira, Technische Universität Berlin
Bilal Arafaat: Technische Universität Berlin; Guillerme 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

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

Presenting Author: Jean-Pierre Thibaut, University Bourgogne Franche-Comté
Eleanor Stansbury: University Bourgogne Franche-Comté; Arnaud Witt: University Bourgogne Franche-Comté; Jean-Pierre Thibaut: University 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 Yamin: 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  
Lanni 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  

**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
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: Siying Zhang, Stanford University
Siying 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
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
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
POSTER SESSIONS

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 Plużycka, University of Warsaw
Monika Plużycka: 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; | 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?
P1-X-85-2544  Transparency in Sign Language Animal Signs
P1-Y-86-1455  The consequences of preparing for informative or distracting stimuli
P1-Y-87-2346  Perceived time varies with different predicted attributes
P1-Y-88-2524  Influence of Curriculum Structure on Early Skill Learning during a Virtual Throwing Task
P1-Y-89-2670  Distinct patterns of proactive and reactive inhibition in the human motor system
P1-Z-90-1739  Evaluating Visual Number Discrimination in Deep Neural Networks

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

Presenting Author: Jiafei Duan, Massachusetts Institute of Technology
Arijit Dasgupta: Massachusetts Institute of Technology; Jiafei Duan: University of Washington; Yi Lin: New York University; Su-hua 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

Presenting Author: Jimpei Hitsuware, Kyoto University
Jimpei Hitsuware: 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: Ricardo Brieke, University College London
Ricardo 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 Numerical 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 Bortoleto: 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: 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; 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; 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; Murray S Bennett: University of Texas San Antonio; Jonathon Love: University of Newcastle; Joseph Houpit: University of Texas San Antonio; Scott Brown: University of Newcastle; Ami Eides: University of Newcastle

P1-MM-119-2223 Predicting intentions: How do we predict other’s action intentions?

Presenting Author: 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; 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; Jan Groeschel: Macquarie University; Michael J Richardson: Macquarie University; Rachel W. Kallen: Macquarie University

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; Tomoyuki Maekawa: Keio University; Ryoichi Shibata: Keio University; Michita Imai: 3-14-1 Hiyashi

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; Charlie 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; 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-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; Jessecae 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; Jessecae K. Marsh: Lehigh University; Samantha Kleinberg: Stevens Institute of Technology

P2-F-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 Flaugher: University of Texas at San Antonio; Rocio Norman: University of Texas Health Science Center San Antonio; Nicole Wiha: University of Texas at San Antonio

P2-H-148-1734 Using Motion Capture Technology in the Study of Non-verbal Communication
Presenting Author: Slawomir Wacewicz, 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 Wacewicz: Nicolaus Copernicus University in Toruń; Monika Boruta-Żywiczynska: Nicolaus Copernicus University in Toruń; Przemysław Żywiczynski: 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 Humanitude™ 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-Campaign

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 Ebelt: 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: Sachiyu Kajikawa, Tamagawa University
Sachiyu 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; Renagh 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 Gakugei University; Yoichi Takahashi: Tohoku University; Minao Kukita: Nagoya University; Kentaro Inui: Tohoku University

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: Maria Andrea Cruz Blandon, Tampere University
Maria Andrea Cruz Blandon: 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 Bilbii: 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 Mcague: 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 Mexico, 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

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; 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: Moulsheere Rana, Indian Institute of Technology Kanpur India
Moulsheere 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-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-204-2315 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-Y-215-1108 PAGAE: Improving Graph Autoencoder by Dual Enhanced Adversary
Presenting Author: 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-A-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-A-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-A-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-A-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-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-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

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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

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P2-EE-223-1645 *Praxis, Demonstration and Pantomime: A Motion Capture Investigation of Differences in Action Performances*

Presenting Author: Przemysław Zywiczynski, Nicolaus Copernicus University

Przemysław Zywiczynski: Nicolaus Copernicus University; Marek Placiński: Nicolaus Copernicus University in Toruń; Sławomir Wacewicz: Nicolaus Copernicus University; Marta Sibierska: Nicolaus Copernicus University; Peter Gårdenfors: Lund University; Monika Boruta-Zywiczynska: Nicolaus Copernicus University

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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 Agrawal, 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-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 Myszko: Montclair State University; Lucas Kozas: Montclair State University; Katherine Parlitis: Montclair State University; Fazya Abbasi: Montclair State University; Shania Morales: Montclair State University; Jahnaya Stone-Taylor: Montclair State University

P2-MM-242-1860 Investigating age-related changes in adults’ cue-integration: An eye-tracking study
Presenting Author: Xiaqian Li, Singapore University of Technology and Design
Xiaqian 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-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-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-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-MM-242-2246 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

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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

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-A-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-A-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-A-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; Prudhi 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-C-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

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: University of Toronto, Walter Wittich: University of Montreal

P3-G-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; Xia Ming Chen: LMU Klinikum, Ludwig-Maximilians-University of Munich; Xia Ming Chen: LMU Klinikum, Ludwig-Maximilians-University of Munich

P3-G-274-3333 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-G-275-2429 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
Juan Pablo Franco: The University of Melbourne; Peter Boyang Wu: The University of Melbourne; Min Shuang 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-P-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

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: Wiktor Rorot, University of Warsaw
Wiktor 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; Alejandro Mitzi Castellón-Flores: Universidad Nacional Autónoma de México; Hillary López-Santillán: Universidad Nacional Autónoma de Mexico; Natalia Arias-Trejo: Universidad Nacional Autónoma de Mexico, 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

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: Jiagmeng Wang, Mengcun Gao, Ohio State University
Jiagmeng 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 Aglinskas: 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 Gakuen 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 Plantadosi: 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 perceptive 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-Zywickynska: Nicolaus Copernicus University; Marek Placiński: Nicolaus Copernicus University in Toruń; Przemysław Zywickiński: Nicolaus Copernicus University; Slawomir Wacewicz: 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

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

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

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: Veronika Herbst, University of St. Gallen
Veronika Herbst: University of St. Gallen; Adrian Stock: University of Stuttgart; Laura Bareiß: University of Stuttgart; Maria Wirzberger: University of Stuttgart

Presenting Author: Markus Kneer, University of Zurich
Serhiy Kandul: University of Zurich; Vincent Michel: 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

Presenting Author: 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-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 Güksun: 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 Mena: 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 Dautrique: CNRS, Aix Marseille University

VP-C-400-2325 Intentions as interactional and interspecies achievements: activivist 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 Strößner, Birkbeck, University of London
Corina Strößner: 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
Nicolás Marchant: Universidad Adolfo Ibáñez; Tadeg Quillien: University of Edinburgh; Sergio E. Chaigneau: Adolfo Ibáñez 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-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-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-F-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-F-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-F-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-F-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-F-431-1055 GCN-based Autism Spectrum Disorder Diagnosis via Convolutional Restructuring Attention
Presenting Author: Jianwei Zheng, Zhejiang University of Technology
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-F-432-1136 User-independent Emotion Classification based on Domain Adversarial Transfer Learning
Presenting Author: Pei Ni, xidian univeristy
Pei Ni: 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: Xidian University
<table>
<thead>
<tr>
<th>Poster Session Code</th>
<th>Title</th>
<th>Presenting Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>VP-G-433-1330</td>
<td>Generate your neural signals from mine: individual-to-individual EEG converters</td>
<td>Zitong Lu, The Ohio State University; Julie Golomb, the Ohio State University</td>
</tr>
<tr>
<td>VP-G-434-1340</td>
<td>Measures of Semantic Distance from Word Embeddings Predict Neural Responses During Inferences about People and Objects</td>
<td>Dilara Berkay, University of Pennsylvania; Adrianna C. Jenkins, University of Pennsylvania</td>
</tr>
<tr>
<td>VP-G-435-1951</td>
<td>Top-down effects of attention on the action observation network</td>
<td>Aslı Eroğlu, Bilkent University; Burcu A. Urgen, Bilkent University</td>
</tr>
<tr>
<td>VP-G-436-2247</td>
<td>Cortical Circuits of Context Adaptability: Understanding Neurobehavioral Mechanisms Underlying Flexible Behavior</td>
<td>Sweta Kaman, Indian Institute of Technology Jodhpur; Romi Banerjee, Indian Institute of Technology Jodhpur; Ankita Sharma, IIT Jodhpur</td>
</tr>
<tr>
<td>VP-G-437-1139</td>
<td>Multiscale Entropy Increases at Short Time Scales Across Time in a 10-minute Psychomotor Vigilance Test</td>
<td>L. Jack Rhodes, Ball Aerospace; Lorraine Borghetti, Air Force Research Laboratory; Megan B Morris, Air Force Research Laboratory</td>
</tr>
<tr>
<td>VP-G-438-1377</td>
<td>Evaluating State-of-the-Art EEG Source Localization Algorithms Using Spatially Propagated Sources and Realistic Head Model</td>
<td>Hao Shen, Fudan University; Yuguo Yu, Fudan University</td>
</tr>
<tr>
<td>VP-G-439-1378</td>
<td>Wiring Cost Minimization: A Dominant Factor in the Evolution of Brain Networks across Five Species</td>
<td>Mingyi Huang, Fudan University; Yuguo Yu, Fudan University</td>
</tr>
<tr>
<td>VP-G-440-2091</td>
<td>Augmenting EEG with Generative Adversarial Networks Enhances Brain Decoding Across Classifiers and Sample Sizes</td>
<td>Chad Williams, Brown University; Daniel Weinhardt, University of Stuttgart; Maria Wirzberger, University of Stuttgart; Sebastian Musslick, Brown University</td>
</tr>
<tr>
<td>VP-G-441-2168</td>
<td>Developing a Neural Network Model Generating Handwriting Motor Sequences Within Realistic Spatiotemporal Scales and Its Biological Implications</td>
<td>Sungjae Cho, Korea Institute of Science and Technology; Taegon Kim, Korea Institute of Science and Technology</td>
</tr>
<tr>
<td>VP-G-265-1111</td>
<td>The Relation Between the Development of Counterfactual Thinking and Piagetian Conservation</td>
<td>Bella Fascendini, Stanford University; Qianhui Ni, University of Southern California; Henrike Moll, University of Southern California</td>
</tr>
<tr>
<td>VP-H-442-2253</td>
<td>The production of adaptors: its relationship with representational gestures and context</td>
<td>Yanran Zhang, Communication University of Zhejiang; Yan Gu, University of Essex</td>
</tr>
<tr>
<td>VP-H-443-2294</td>
<td>Communicative reduction in referring expressions within a multi-player negotiation game</td>
<td>Veronica Boyce, Stanford University; Michael C. Frank, Stanford University</td>
</tr>
<tr>
<td>VP-H-444-2572</td>
<td>Simplifying Group Communication: A Shared Agency Modeling Approach</td>
<td>Max Potter, University of California, Los Angeles; Tao Gao, University of California - Los Angeles; Stephanie Stacy, University of California - Los Angeles</td>
</tr>
<tr>
<td>VP-I-445-1815</td>
<td>Examining Moral Injury using a Predictive Processing Framework</td>
<td>Konstantinos Xanthios, Pouria Saffaran, University of Toronto; Pouria Saffaran, University of Toronto/OISE</td>
</tr>
<tr>
<td>VP-J-446-2011</td>
<td>Waymaking: a nested approach to cognition inspired by cognitive and computational hippocampal models</td>
<td>Andrea Hiott, Universität Heidelberg</td>
</tr>
</tbody>
</table>

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: Quantumum; Stephen Clark: Quantumum

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 Madison

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 Racah: 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 Villagrá, 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 inheritance bias in everyday explanations
Presenting Author: Mert Kobas, New York University
Mert Kobas: New York University; Christina M Tworek: Gerson Lehman 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 Schlegelmich: 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 Snefjella: 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 Siguë Mikalonytë, Cambridge University
Elzé Siguë Mikalonytë: 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 Kąpielska: 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

Presenting Author: Angarika Deb, Central European University
Angarika Deb: Central European University

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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 Aretchiga: 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

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 Bhu: 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

Presenting Author: Florian Kadner, Technical University Darmstadt
Florian Kadner: Technical University Darmstadt; Hannah Willkomm: Technical University Darmstadt; Inga Ibs: Technical University Darmstadt; 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 Demirciglu: 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: Bartomiej Król-Józaga, AGH University of Science and Technology
Bartomiej 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 Bhu: 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

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, Koç University
Ece Yallak: Koç 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 Bhu: 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 Porebski: Jagiellonian University; Klaudyna Joanna Horniczak: 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-Villagrá, 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 Keetch: 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-518-1512 Teacher Attitudes on Inheritance Diagram Features
Presenting Author: Olympia N. Mathiaparanam, University of Rochester
Olympia N. Mathiaparanam: 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-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 Fujimura: 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-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-517-1975 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-516-1826 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-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-518-1517 Distinct Neurobiological Reading Networks Support Heritage Language and Bilingual-Biliterate Children’s Reading
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Katie D'Silva: WestEd; Bryan Matlen: WestEd

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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, Ozyegin University
Bahar Tarakçı: Ozyegin University; Ercenur Ünal: Ozyegin 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: Universitá 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; 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; Jiaying 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 Bpmbay

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 Artinghaus: 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 university

VP-S-548-1915 A Set of Communicative and Noncommunicative Action 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; Aslı Eroğlu: Bilkent University; Badel Barinal: Bilkent University; Jana Tunc: Middle East Technical University; Burcu A. Urgen: 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. Urgen: 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: Nikolaus Koch, LMU Munich
Nikolaus 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 Cubertson: 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 Olson: 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; Zsuza 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 Guillon: 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 Tylen: 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; Moira 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 Schützgebel, Institut Jean Nicod
David Schützgebel: Institut Jean Nicod; Lilja 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

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 Koshevoy, Aix-Marseille University
Alexey Koshevoy: 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; Zoey 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: Haoxin Xu, University of California, San Diego
Haoxin 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

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 Kosic, University of Vienna
David Kosic: 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 Mexico, 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

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; Przemyslaw Zywiczynski: 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

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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; Kathryn 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; Weiyan 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

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

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
Elishai Ezra Tsur: 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 Srivinas, Max Planck Institute for Intelligent Systems
Srinidhi C. Srivinas: 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

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

Presenting Author: Zhangyu Ma, Institute of Computing Technology, Chinese Academ

VP-Z-634-1503 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; Weiqi Luo: Jinan University

VP-Z-633-1484 Personalized multi-task attention for multimodal mental health detection and explanation
Presenting Author: Donglei Song, Jinlin 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 Zabotkina, Russian State University for the Humanities
Vera Ivanovna Zabotkina: 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-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; 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-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-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: Janani Sheth, University of Pennsylvania

Janani 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


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: Bhupathi Raju Krishna Srij, International Institute Of Information Technology

Bhupathi Raju Krishna Srij: 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; Aysegul Ozkan: 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 Chandroz: 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: Jinho Cho, University of Oklahoma
Jinho 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.: Technische Universität Kaiserslautern

VP-JJ-680-2368 Asymmetry in Political Information Processing: Congruency-based reasoning in belief revision and political decision making
Presenting Author: Abhirup Chattopadhay, IIT Kanpur
Abhirup Chattopadhay: IIT Kanpur; Harish C Karnick: IIT Kanpur; Narayanana 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 Tese: Birkbeck, University of London; Anita Keshmirian: Ludwig Maximilian University of Munich; Corina Strößner: Birkbeck, University of London

VP-JJ-683-1793 Hybrid Frameworks of Reasoning: Normative-Descriptive Interplay
Presenting Author: Corina Strößner, Birkbeck, University of London
Corina Strößner: 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 OREÑES: 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-707-2035 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 Willemsen: 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 Törökö: 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-731-1702 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

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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