**Final Program**

### Day 1: Wednesday, July 24th

<table>
<thead>
<tr>
<th>Time</th>
<th>Room</th>
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</tr>
</thead>
<tbody>
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<td>08:00 - 16:00</td>
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<tr>
<td>09:00 - 16:00</td>
<td>521ABC</td>
<td>Workshop - Guided Playful Learning: Developmental, Computational, and Educational Perspectives</td>
<td>Emily Daubert, Patrick Shafts</td>
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<tr>
<td>09:00 - 16:00</td>
<td>518BC</td>
<td>Workshop - Heuristics, Hacks, and Habits: Boundedly Optimal Approaches to Learning, Reasoning and Decision Making</td>
<td>Ishta Dasgupta, Eric Schulz, Jessica Hamrick, Josh Tenerbaum</td>
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<td>09:00 - 12:00</td>
<td>522ABC</td>
<td>Tutorial - Quantum Theory in Cognitive Modeling</td>
<td>Emmanuel Pothos, James Yeasins Zheng, Joyce Wang, Peter Kvam, Jerome Busmeyer</td>
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<td>09:00 - 12:00</td>
<td>524A</td>
<td>Workshop - Using Replication Studies to Teach Research Methods in Cognitive Science</td>
<td>Josh de Leuw, Janet Andrews, Ken Livingston, Michael Franklin, Joshua K. Hartshorne, Jordan Rose Wagge</td>
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<td>09:00 - 12:00</td>
<td>524B</td>
<td>Tutorial - Optimizing the Design of an Experiment Using the ADOpy Package: an Introduction and Tutorial</td>
<td>Jay Myung, Mark Pitt, Jaeyeong Yang, Woo-Young Ahn</td>
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<td>09:00 - 12:00</td>
<td>524C</td>
<td>Tutorial - Daylong Data: Raw Audio to Transcript Via Automated &amp; Manual Open-science Tools</td>
<td>John P. Bunce, Elka Bergelson, Anne Warlaumont, Marisa Casillas</td>
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<td>13:00 - 16:00</td>
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<td>13:00 - 16:00</td>
<td>525AB</td>
<td>Workshop - Everyday Activities</td>
<td>Holger Schultheis, Richard P. Cooper</td>
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<td>13:00 - 16:00</td>
<td>524A</td>
<td>Workshop - Measuring Creativity</td>
<td>Ana Maria Otleseanu, Richard. W. Hass, Evangelia G. Chryskou</td>
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<td>13:00 - 16:00</td>
<td>524B</td>
<td>Workshop - Beyond the Ivory Tower: Non-Academic Career Paths For Cognitive Scientists</td>
<td>Vanessa Simmering, Carissa L. Shafts</td>
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<td>13:00 - 16:00</td>
<td>524C</td>
<td>Workshop - Predicting Individual Human Reasoning: the PRECORE-Challenge</td>
<td>Marco Ragni, Nicolas Oliver Riesterer, Sangeet Khemlani</td>
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### Day 2: Thursday, July 25th

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<td>Welcome: Conference Opening and Award Presentations</td>
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<td>09:00 - 10:00</td>
<td>517D</td>
<td>Keynote: Computational Models of Creativity: Curiosity Novelty, and Surprise</td>
<td>Mary Lou Maher, University of North Carolina</td>
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<td>10:20 - 12:00</td>
<td>521ABC</td>
<td>Paper Session 1 – Language in Social Contexts</td>
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<td>10:20 - 12:00</td>
<td>519A</td>
<td>Paper Session 2 – Memory Encoding</td>
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<td>Paper Session 3 – Perception</td>
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<td>Paper Session 4 – Explanation</td>
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<td>Thursday</td>
<td>10:20</td>
<td>524B Paper Session 5 – Collaborative Cognition</td>
<td>Why Do Echo Chambers Form? The Role of Trust, Population Heterogeneity, and Objective Truth</td>
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<td>Evaluating Theories of Collaborative Cognition Using the Hawkes Process and a Large Naturalistic Data Set</td>
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<td>How Real Is Moral Contagion in Online Social Networks?</td>
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<td>The Evolutionary Dynamics of Cooperation in Collective Search</td>
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<td>10:20</td>
<td>522ABC Paper Session 6 – Word Learning</td>
<td>Statistical Learning Supports Word Learning and Memory</td>
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<td>Sampling to Learn Words: Adults and Children Sample Words That Reduce Referential Ambiguity</td>
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<td>Evidence of Error-driven Cross-situational Word Learning</td>
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<td>10:20</td>
<td>524C Paper Session 7 – Intention and Choice</td>
<td>Do Children Ascribe the Ability to Choose to Humanoid Robots?</td>
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<td>The Intentional Stance Toward Robots: Conceptual and Methodological Considerations</td>
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<td>Hard Choices: Children’s Understanding of the Cost of Action Selection</td>
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<td>Productivity Depends On Communicative Intention and Accessibility, Not Thresholds</td>
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<td>525AB Paper Session 8 – Decision Making</td>
<td>Frequency Effects in Decision-Making Are Predicted by Dirichlet Probability Distribution Models</td>
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<td>The Impact of Anecdotal Information on Medical Decision-making</td>
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<td>Zero-sum Reasoning in Information Selection</td>
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<td>The Decision Science of Voting: Behavioral Evidence of Factors in Candidate Valuation</td>
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<td>520BE Extending Rationality</td>
<td>A Cultural Evolution Framework for Human Creativity</td>
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<td>On the Nature of Creative Processes: Performativity as a Missing Algorithm</td>
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<td>Why Sociality Affects Creativity: Lessons from Autism</td>
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<td>Modeling Human Creative Cognition Using AI Techniques</td>
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<td>10:20</td>
<td>520CF How Does Current AI Stack Up against Human Intelligence?</td>
<td>Neural Dynamic Concepts for Intentional Systems</td>
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<td>Towards a Neural-level Cognitive Architecture: Modeling Behavior in Working Memory Tasks with Neurons</td>
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<td>Comparing Gated and Simple Recurrent Neural Network Architectures as Models of Human Sentence Processing</td>
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<td>The Interaction Between Structure and Meaning in Sentence Comprehension: Recurrent Neural Networks and Reading Times</td>
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<td>Environmental Regularities Shape Semantic Organization Throughout Development</td>
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<td>A Predictability-distinctiveness Trade-off in the Historical Emergence of Word Forms</td>
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<td>Unexpectedness Makes a Sociolinguistic Variant Easier to Learn: An Alien-language learning Experiment</td>
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<td>520AB Meet Cognitive Science Journal Editor</td>
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<td>517BE Paper Session 10 – Neural Dynamics</td>
<td>Neural Dynamic Concepts for Intentional Systems</td>
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<td>Thursday 14:30 - 16:10</td>
<td>519A</td>
<td>Paper Session 12 – Decision Processes</td>
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<td>The Effect of Stimulus Presentation Time On Bias: A Diffusion-model Based Analysis</td>
<td>Jeremy Ngo, Chris Donkin</td>
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<td>At the Zebra Crossing: Modelling Complex Decision Processes With Variable-Drift Diffusion Models</td>
<td>Oscar, Terence, Giles, Gustav Markkula, Jami Peikkanen, Naoki Yokota Naoto Matsunaga, Tatsuru Daimon</td>
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<td>Towards a Space of Contextual Effects on Choice Behavior: Insights from the Drift Diffusion Model</td>
<td>Wenja Joyce Zhao, Aolfe Coady, Sudeep Bhatia</td>
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<th>Thursday 14:30 - 16:10</th>
<th>522ABC</th>
<th>Paper Session 13 – Attention</th>
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<tr>
<td>Parametric Control of Distraction-oriented Attention</td>
<td>Harrison Ritz, Amitai Shenhav</td>
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<td>Efficiency and Flexibility of Individual Multitasking Strategies - Influence of Between-Task Resource Competition</td>
<td>Jovita Bruening, Marie Mückstein, Dietrich Marzey</td>
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<td>Asymptotic Switch Costs as a Function of Task Strength</td>
<td>Markus Spitzer, Sebastian Muslick, Michael Shvartsman, Amitai Shenhav, Jonathan Cohen</td>
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<td>Individual Differences in Bodily Attention: Variability in Anticipatory Mu Rhythm Power Is Associated With Executive Function Abilities and Processing Speed</td>
<td>Stazi Meredith Weiss, Rebecca, L. Laconi, Peter J. Marshall</td>
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<th>Paper Session 14 – Cultural Cognition</th>
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<td>Cumulative Cultural Evolution in a Non-copying Task in Children and Guinea Baboons</td>
<td>Carmen Saldana, Joel Fagot, Simon Kirby, Kenny Smith, Nicolas Cladiere</td>
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<td>The First Crank of the Cultural Ratchet: Learning and Transmitting Concepts Through Language</td>
<td>Sahil Chopra, Michael Henry Tesler, Noah Goodman</td>
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<td>Seeing the Big Picture: Do Some Cultures Think More Abstractly Than Others?</td>
<td>Amitpal, M.P., Singh, Qi Wang, Daniel Casasanto</td>
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<td>Conceptualization of Cultural Diversity for Efficient and Flexible Manufacturing Systems of the Future</td>
<td>Kashif Zia, Alois Ferscha, Dani Tendera, Eva Pfeffer</td>
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<th>524B</th>
<th>Paper Session 15 – Causal Reasoning</th>
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<tr>
<td>Limits On the Use of Simulation in Physical Reasoning</td>
<td>Ethan J. Ludwin-Peery, Neil, R. Bramley, Ernest Davis, Todd, M, Gureckis</td>
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<td>Implicit Evaluations Reflect Causal Information</td>
<td>Benedek Kurdi, Adam Morris, Fiery Cushman</td>
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<td>I Know What You Did Last Summer (and How Often): K12Epistemic States and Statistical Normality in Causal Judgements</td>
<td>Lara Krlf, David Lagnado</td>
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<td>Politically Motivated Causal Evaluations of Economic Performance</td>
<td>Zachary A. Caddick, Benjamin Rottman</td>
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<tr>
<td>The Complex System of Mathematical Creativity: Modularity, Burstiness, and the Network Structure of How Experts Use Inscriptions</td>
<td>Tyler Margheis, Kate Samson, David Landy</td>
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<td>Patterns of Coordination in Simultaneously and Sequentially Improvising Jazz Musicians</td>
<td>Matthew Setzler, Robert Goldstone</td>
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<td>Self-Organized Division of Cognitive Labor</td>
<td>Edgar Andrade, Robert Goldstone</td>
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<td>Bee-ing in the World: Phenomenology, Cognitive Science, and Interactivity in a Novel Insect-Tracking Task</td>
<td>Guilherme Sanches de Oliveira, Chris Rohm, Colin Toussaint Annand</td>
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<tr>
<td>Contextualizing Conversational Strategies: Backchannel, Repair and Linguistic Alignment in Spontaneous and Task-Oriented Conversations</td>
<td>Christina Dideriksen, Riccardo Fusaroli, Kristian Tylan, Mark Dingemanse, Morten H. Christiansen</td>
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<td>Conversation Transition Times: Working Memory &amp; Conversational Alignment</td>
<td>Julie E. Boland</td>
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<td>The Effects of Embedment and Social Eye-Gaze in Conversational Agents</td>
<td>Dimitris Kontogiorgos, Gabriel Skantze, Andre Pereira, Joakim Gustafsson</td>
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<td>Disentangling Contributions of Visual Information and Interaction History in the Formation of Graphical Conventions</td>
<td>Robert Hawkins, Megumi Sano, Noah Goodman, Judith E. Fan</td>
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<th>Paper Session 18 – Cognitive Architectures</th>
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<tr>
<td>Model-based Approach With ACT-R About Benefits of Memory-based Strategy On Anomalous Behaviors</td>
<td>Shota Matsuyasahi, Kazuhiro Mwa, Hitoshi Torai</td>
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<td>Comparing Alternative Computational Models of the Stroop Task Using Effective Connectivity Analysis of fMRI Data</td>
<td>Micah Ketola, Linxing, Preston, Jiang, Andrea Stocco</td>
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<td>On-Formal Verification of ACT-R Architectures and Models</td>
<td>Vincent Langenfeld, Bernd Westphal, Andreas Podelski</td>
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<tr>
<td>Role of Working Memory On Strategy Use in the Probability Learning Task</td>
<td>Mahi K, Luthra, Peter M. Todd</td>
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<td>An Integrated Trial-Level Performance Measure: Combining Accuracy and RT to Express Performance During Learning</td>
<td>Florian Sense, Tiffany Jastrzembski, Michael Kruismark, Siera Martinez Hedderick van Rijn</td>
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<td>Statistical Learning Generates Implicit Conjunctive Predictions</td>
<td>Ru Qi Yu, Jiaying Zhao</td>
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<td>Modelling Emotion Based Reward Valuation With Computational Reinforcement Learning</td>
<td>Can Koluman, Christopher Child, Tilman Weyde</td>
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<td>Paper Session 20 – Publication-Based Talks - Paradigms</td>
<td>Cognitive Chrono-Ethnoethnography (CCE): A Behavioral Study Methodology Underpinned By the Cognitive Architecture, MHP/RT</td>
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<td>From Design Cognition to Design Neurocognition</td>
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<td>Logical Computational Cognitive Modeling of Infinitary False Belief Tasks</td>
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<td>Concept Learning With Energy-Based Models</td>
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<td>14:30 - 16:10</td>
<td>Paper Session 21 – Speech</td>
<td>Articulatory Features of Phonemes Pattern to Iconic Meanings: Evidence From Cross-linguistic Idiolects</td>
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<td>Linguistic Synchrony: Alignment of Musical Meter to Syntactic Structure and Its Effect On Sentence Processing</td>
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<td>Speech Processing Does Not Involuntary Acoustic Maintenance</td>
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<td>Does Predictive Processing Imply Predictive Coding in Models of Spoken Word Recognition?</td>
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<td>10:20 - 12:00</td>
<td>Paper Session 22 – Problem Solving</td>
<td>When Graph Comprehension Is an Insight Problem</td>
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<td>Rapid Trial-and-Error Learning in Physical Problem Solving</td>
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<td>An Insight Into Language: Investigating Lexical and Morphological Effects in Compound Remote Associate Problem Solving</td>
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<td>The Disappearing &quot;Advantages of Abstract Examples in Learning Math&quot;</td>
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<td>10:20 - 12:00</td>
<td>Paper Session 23 – Thinking</td>
<td>Predictions From Uncertain Moral Character</td>
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<td>A Friend, or a Toy? Four-year-olds Strategically Demonstrate Their Competence to a Puppet But Only When Others Treat It as an Agent</td>
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<td>Does Video Content Facilitate Or Impair Comprehension of Documentaries? The Effect of Cognitive Abilities and Eye Movement Strategy</td>
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<td>Toward a Formal Science of Heuristics</td>
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<td>Imagining the Good: An Offline Tendency to Simulate Good Options Even When No Decision Has to Be Made</td>
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<td>What's Lagging in Our Understanding of Interruptions? Effects of Interruption Lags in Sequential Decision Making</td>
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<td>10:20 - 12:00</td>
<td>Paper Session 25 – Computational Models</td>
<td>Modeling Unergammatically: A Self-Organizing Model of Islands</td>
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<td>Ironicity and Structure in the Emergence of Combinatorially The Role of Basal Ganglia Reinforcement Learning in Lexical Priming and Automatic Semantic Ambiguity Resolution</td>
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<td>Generating Normative Predictions With a Variable-length Rate Code</td>
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<td>Integrating Common Ground and Informativeness in Pragmatic Word Learning</td>
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<td>Incorrect Guesses Boost Retention of Novel Words in Adults But Not in Children</td>
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<td>Modeling Individual Performance in Cross-situational Word Learning</td>
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## Paper Session 27 – Reasoning

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<td>10:20 - 12:00</td>
<td>524C</td>
<td>Explaining Intuitive Difficulty Judgments By Modeling Physical Effort and Risk</td>
<td>İker Yildirim, Bassil Saeed, Grace E. Bennett-Pierre, Tobias Garstenberg, Josh Tenenbaum, Hyunwoo Gweon</td>
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<td>A New Probabilistic Explanation of the Modus Ponens–Modus Tollens Asymmetry</td>
<td>Ben Eva, Stephan Hartmann, Henrik Singmann</td>
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<td>What Information Shapes and Shifts People’s Attitudes About Capital Punishment?</td>
<td>Olivia A. Miske, Nick Schweitzer, Zachary Horne</td>
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<td>Modeling Human Syllogistic Reasoning: the Role of “No Valid Conclusion”</td>
<td>Nicolas Oliver Rieser, Daniel Brand, Hannah Dames, Marco Ragni</td>
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## Paper Session 28 – Language Comprehension

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<th>Time</th>
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<tbody>
<tr>
<td>10:20 - 12:00</td>
<td>518BC</td>
<td>Subjectivity-based Adjective Ordering Maximizes Communicative Success</td>
<td>Michael Franke, Gregory Scontras, Mihael Simonic</td>
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<td></td>
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<td>Children, More Than Adults, Rely on Similarity to Access Multiple Meanings of Words</td>
<td>Sammy Floyd, Casey Lew-Williams, Adele Goldberg</td>
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<td>Dark Forces in Language Comprehension: The Case of Neuroticism and Disgust in a Pupillometry Study</td>
<td>Isabell Hubert, Juhani Järvi</td>
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<td>Verb Frequency Explains the Unacceptability of Factive and Manner-of-speaking Islands in English</td>
<td>Yingtong Liu, Rachel Ryskin, Richard Futrell, Edward Gibson</td>
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## Paper Session 29 – Divergent Thinking

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<th>Time</th>
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<tbody>
<tr>
<td>10:20 - 12:00</td>
<td>522ABC</td>
<td>Building Individual Semantic Networks and Exploring Their Relationships With Creativity</td>
<td>Matthieu Bernard, Yoed Kenett, Marcela Ovando Tellez, Mathias Benedek, Emmanuelle Vole</td>
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<td>Idea Generation and Goal-Derived Categories</td>
<td>Richard W. Hass, Colin Long, Joshua Pierce</td>
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<td>Fanning Creative Thought: Semantic Richness Impacts Divergent Thinking</td>
<td>Roger Beaty, Yoed Kenett, Richard W. Hass</td>
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## Paper Session 29 – Divergent Thinking (continued)

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<tr>
<td>10:20 - 12:00</td>
<td>520BE</td>
<td>Sensorimotor Norms: Perception and Action Strength Norms for 40,000 Words</td>
<td>Dermot Lynott, Louise Connell, Marc Brysbaert, James Brand James Carney</td>
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<td>The Role of Information in Visual Word Recognition: A Perceptually-Constrained Connectionist Account</td>
<td>Raquel G. Alhama, Noam Siegelman, Ram Frost, Blair Armstrong</td>
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<td>Children’s Overextension as Communication by Multimodal Chaining</td>
<td>Renato Ferreira Pinto Junior, Yang Xu</td>
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<td>Applying Deep Language Understanding to Open Text: Lessons Learned</td>
<td>Marjorie McShane, Stephen Beale, Irene Nirenburg</td>
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## Paper Session 30 – Modeling Language

<table>
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<th>Time</th>
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<th>Title</th>
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<tbody>
<tr>
<td>10:20 - 12:00</td>
<td>520CF</td>
<td>Evolution and Efficiency in Color Naming: the Case of Nataanra</td>
<td>Noga Zaslavsky, Karee Garvin, Charles Kemp, Naftali Tishby Terry Regier</td>
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<td>Towards Emotion Based Music Generation: A Tonal Tension Model Based On the Spiral Array</td>
<td>Dorien Herremans, Elaine Chew</td>
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<td>Warning: The Exemplars in Your Category Representation May Not Be the Ones Experienced During Learning</td>
<td>Kenneth Kurtz, Daniel Stilman</td>
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<td>Language and Event Recall In Memory for Time</td>
<td>Yaqi Wang, Silvia P. Gennari</td>
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## Paper Session 31 – Publication-Based Talks - Methods

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<th>Time</th>
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<th>Authors</th>
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<tbody>
<tr>
<td>10:20 - 12:00</td>
<td>517D</td>
<td>Rumelhart Symposium in Honor of Mihelene Chi, Arizona State: Translation Research in STEM Learning</td>
<td>Kristy Boyer, University of Florida; Kirsten R. Butcher, University of Utah; Jed Davenport, WestEd; Percival G. Matthews, University of Wisconsin; Jim Slotta, University of Toronto</td>
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</table>

## Women in Cognitive Science Panel

- **Friday, 12:00 - 13:00**
- **525AB**
- **Poster Session 2**
- **Friday, 13:00 - 14:30**
- **517BC**
- **Lunch Break**

## Paper Session 32 – Conceptual Representations

<table>
<thead>
<tr>
<th>Time</th>
<th>Panel</th>
<th>Title</th>
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<tbody>
<tr>
<td>14:30 - 16:10</td>
<td>519A</td>
<td>The Social Network Dynamics of Category Formation</td>
<td>Douglas R. Guibbeault, Andrea Baranchelli, Damon Centola</td>
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<td>Stereotypes of Transgender Categories: Attributes and Lay Theories</td>
<td>Natalie Gallagher, Galen Bodenhausen</td>
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<td>The End’s in Plain Sight: Implicit Association of Visual and Conceptual Boundariness</td>
<td>Jonathan N. Wehry, Alon Hafri, John Trueswell</td>
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<td>Season Naming and the Local Environment</td>
<td>Charles Kemp, Alice Gaby, Terry Regier</td>
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## Paper Session 33 – Attention & Control

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<tbody>
<tr>
<td>14:30 - 16:10</td>
<td>524A</td>
<td>Individual Differences In Self-Recognition From Body Movements</td>
<td>Akila Kadambi, Honging Lu</td>
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<td></td>
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<td>A Mechanistic Account of Constraints on Control-Dependent Processing: Shared Representation, Conflict and Persistence</td>
<td>Sebastian Muslick, Jonathan Cohen</td>
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<td>Controlling Attention in a Memory-Augmented Neural Network to Solve Working Memory Tasks</td>
<td>T. S. Jayram, Yusnes Bouhadjar, Tomasz Komuta, Ryan L. MacAvoy, Alex Assaman, Ahmet S. Ozcan</td>
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<td>Hands in Mind: Learning to Write With Both Hands Improves Inhibitory Control, But Not Attention</td>
<td>Mukesh B. Makewana, Biswajit Bodit, Prasanth P. Chandran, Amogh Simonkar Sanjay Chandrasekharan</td>
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**Final Program**

5 of 8

07/18/2019
### Friday, 14:30 - 16:10  524B  
**Paper Session 34 – Curiosity & Exploration**

- Pedagogical Questions Empower Exploration  
  - Anishka Jean Emily Daubert, Yue Yu, Patrick Shafto, Elizabeth Bonawitz, Charley, Mingshuo, Wu, Eric Schutz, Kimberly Garbautst, Timothy, J., Pleskac

- Under Pressure: The Influence of Time Limits on Human Exploration  
  - Rachit Dubey, Tom Griffiths, Tania Lombrozo

- If It's Important, Then I Am Curious: A Value Intervention to Induce Curiosity  
  - Yang Wu, Hyowon Gweon

- Preschoolers Jointly Consider Others' Expressions of Surprise and Common Ground to Decide When to Explore  
  - Mora Maldonado, Jennifer Culbertson

### Friday, 14:30 - 16:10  521ABC  
**Paper Session 35 – Language Acquisition**

- The Acquisition of French ‘Un’  
  - Elisabeth Marchand, David Bamar

- Something About “Us”: Learning First Person Pronoun Systems  
  - Mora Maldonado, Jennifer Culbertson

- Children Learn Words Better in Low Entropy  
  - Oni Lavi-Rotbain, Inbal Amon

- Modality Effects in Vocabulary Acquisition  
  - Merel C. Wolf, Alastair Smith, Caroline Rowland, Antje Meyer

### Friday, 14:30 - 16:10  519B  
**Paper Session 36 – Analogy**

- Metaphors We Teach By: A Method For Mapping Metaphorical Lay Theories  
  - Stephen Flusberg, Bridgette Hard

- Comparing Apples to Cash Flows: Structural Alignment in Financial Decision Making  
  - Shr Dekel, Micah Goldwater, Dan Lovallo

- Algebraic Patterns as Ensemble Representations  
  - Anna Lenhinskaya, Enoch Lambert, Sharon L. Thompson-Schi

- Looking Patterns During Analogical Reasoning: Generalizable Or Task-Specific?  
  - Katharine, F., Guarino, Robert Morrison, Lindsey Engle, Richland, Elizabeth M. Wakefield

### Friday, 14:30 - 16:10  522ABC  
**Paper Session 37 – Reading**

- To Catch a Snitch: Brain Potentials Reveal Knowledge-based Variability in the Functional/Organization of (Fictional) World Knowledge During Reading  
  - Melissa Troyer, Marta Kutla

- Character-based Surprisal as a Model of Reading Difficulty in the Presence of Errors  
  - Michael Hahn, Frank Keller, Yonatan Biuk, Yonatan Belinkov

- A Rational Model of Word Skipping in Reading: Ideal Integration of Visual and Linguistic Information  
  - Yunyan Duan, Clinton Bionell

- Individual Differences in Reading Experiences: The Roles of Mental Imagery and Fantasy  
  - Marloes Mak, Joel M. Wilkins

### Friday, 14:30 - 16:10  524C  
**Paper Session 38 – Goals**

- Impatient to Receive Or Impatient to Achieve: Goal Gradients and Time Discounting  
  - Oleg Urminksy, Indranil Goswami

- Asking Goal-oriented Questions and Learning From Answers  
  - Anselm Rothe, Brendon Lake, Todd M. Gureckis

- The Goal Bias in Memory and Language: Explaining the Asymmetry  
  - Seth Chin-Parker, Eric Brown

### Friday, 14:30 - 16:10  525AB  
**Paper Session 39 – Risk in Decision Making**

- Risk Is Preferred at Lower Causal Depth  
  - Jeffrey R. Parker

- Why Do People Reject Mixed Gambles?  
  - Wenja Joyce Zhao, Lukasz Walasek, Sudeep Bhatia

- A Resource-Rational Mechanistic Approach to One-shot Non-cooperative Games: The Case of Prisoner’s Dilemma  
  - Andavan S. Nobandegani, Kevin da Silva-Castanheira, Thomas Shultz, A. Ross Otto

- Evaluating Models of Human Behavior in an Adversarial Multi-Armed Bandit Problem  
  - Marcus Gutierrez, Jakub Cerny, Noam Ben-Asher, Efrat Aharonov-Majar, Branislav Bosansky, Cleotilde Gonzalez

### Friday, 14:30 - 16:10  520AD  
**Paper Session 40 – Cross-Linguistic Analysis**

- Insight and the Genesis of New Ideas  
  - Frederic Valsee-Tourangeau, Linden J. Ball, Anna Abraham, Carola Salvi, Ul Na So

- In Vivo Studies of Solo and Team Performance  
  - Wayne D. Gray, Ray Perez, Jerad H. Moxley, David Mendonca, Jamie Gorman

- Symposium in Memory of Jeff Elman: Language Learning, Prediction, and Temporal Dynamics  
  - Jay McClelland, Ken McKae

- Beyond Number: Towards a Unified View of Dimensional Reasoning in Perception, Cognition and Language  
  - Pooja Paul, Anna Papafragou, Jessica Canton, Stella Lourenco Lauren Aulet

### Friday, 16:10 - 16:30  520AD  
**Level 5 Foyer**

- Afternoon Break

### Friday, 16:30 - 17:30  517D  
**Rumelhart Prize Presentation: Translating the ICAP Theory of Cognitive Engagement Into Practice**  
- Micheline Chi, Arizona State University
<table>
<thead>
<tr>
<th>Saturday 10:10 - 11:00</th>
<th>524A</th>
<th>Paper Session 41 – Memory Challenges</th>
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<tbody>
<tr>
<td>Sleep Does Not Help Relearning Declarative Memories in Older Adults</td>
<td>Emilie Gervier, Guillaume T. Vallet, Thomas C. Toppino, Stéphanie Mazza</td>
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<tr>
<td>A Definition of Memory for the Cognitive Sciences</td>
<td>Brett, Alexander, Ross, Luis H. Favela</td>
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<th>Saturday 10:10 - 11:00</th>
<th>518BC</th>
<th>Paper Session 42 – Computational Approaches to Language Acquisition</th>
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<tbody>
<tr>
<td>Modeling Children’s Early Linguistic Productivity Through the Automatic Discovery and Use of Lexically-based Frames</td>
<td>Stewart M. McCauley, Morten H. Christiansen</td>
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<tr>
<td>Multilingual Units Predict Non-inversion Errors in Children’s Wh-questions: “What Corpus Data Can Tell Us?”</td>
<td>Stewart M. McCauley, Colin Bannard, Anna Theakston, Michelle Davis, Thea Cameron-Faulkner</td>
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<th>Saturday 10:10 - 11:00</th>
<th>520BE</th>
<th>Paper Session 43 – Language in Adults</th>
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<tbody>
<tr>
<td>Measuring Creative Ability in Spoken Bilingual Text: The Role of Language Proficiency and Linguistic Features</td>
<td>Stephen Skalicky, Scott Crossley, Danielle McNamara, Kasia Muldner</td>
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<tr>
<td>Cognitive Aging Effects On Language Use in Real-Life Contexts: A Naturalistic Observation Study</td>
<td>Minvia Luo, Gerold Schneider, Mike Martin, Burcu Demiray</td>
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<th>521ABC</th>
<th>Paper Session 44 – Deaf</th>
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<tr>
<td>Deception in Evidential Reasoning: Willful Deceit Or Honest Mistake?</td>
<td>Toby D. Pilditch, Alexander Fries, David Lagnado</td>
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<tr>
<td>Designing Good Deception: Recursive Theory of Mind in Lying and Lie Detection</td>
<td>Lauren A. Oey, Adena Schachner, Ed Vul</td>
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<th>Saturday 10:10 - 11:00</th>
<th>524B</th>
<th>Paper Session 45 – Memory Recall</th>
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<tr>
<td>Rapid Presentation Rate Negatively Impacts the Contiguity Effect in Free Recall</td>
<td>Claudio Toro-Sery, Ian Marcus Bright, Brad Wyble, Marc Howard</td>
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<td>Word Frequency Affects Binding Probability Not Memory Precision</td>
<td>Vencislav Popov, Matt So, Lynne Roder</td>
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<th>Saturday 10:10 - 11:00</th>
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<th>Paper Session 46 – Language in Communities</th>
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<tr>
<td>The Shape of Language Experience in Two Traditional Communities</td>
<td>Marisa Casillas</td>
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<td>Tuning to Multiple Statistics: Second Language Processing of Multword Sequences Across Registers</td>
<td>Elma Kerz, Daniel Wiechmann, Morten H. Christiansen</td>
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<th>Paper Session 47 – Individual Differences</th>
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<tr>
<td>Individual Differences in Judging Similarity Between Semantic Relations</td>
<td>Nicholas Ichien, Hongying Lu, Keith Helyoak</td>
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<td>Ain’t That a Shame: An Exploration into “Academic” Shame and STEM Learning</td>
<td>Jeremiah Sullins, Collin Phillips, Lucy Grace Camp, Kailey Thornton Ashlyn Wilson</td>
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<th>Saturday 10:10 - 11:00</th>
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<th>Paper Session 48 – Social Perception</th>
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<tr>
<td>Modifying Social Dimensions of Human Faces With ModIAE</td>
<td>Chad Atalla, Amanda Song, Garrison W. Cottrell</td>
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<td>Illusory Body Perception and Experience in Furries</td>
<td>Alexander Kranjec, Louis Lamanna, Erin Guzman, Courtney Plante Stephen Reysen, Sharon Roberts Elizabeth Fain</td>
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<th>Paper Session 49 – Evolutionary Constraints</th>
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<tr>
<td>Inductive Biases Constrain Cumulative Cultural Evolution</td>
<td>Bill Thompson, Tom Griffiths</td>
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<td>The Emergence of Monotone Quantifiers Via Iterated Learning</td>
<td>Fausto Carcassi, Shane Steinert-Threlkeld, Jakub Szymanik</td>
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<th>Paper Session 50 – Planning</th>
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<tr>
<td>Detecting Social Transmission in the Design of Artifacts Via Inverse Planning</td>
<td>Ethan Huntz, Timothy F. Brady, Adena Schachner</td>
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<td>People’s Perception of Others’ Risk Preferences</td>
<td>Shari Liu, John McCoy, Tomer D. Ullman</td>
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<th>Saturday 11:00 - 12:00</th>
<th>517D</th>
<th>Canvalho-Heineken Prize Presentation: Functional Imaging of the Human Brain: A Window in the Architecture of the Human Mind</th>
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<td>Nancy Kanwisher, MIT</td>
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<th>Saturday 12:00 - 13:00</th>
<th>525AB</th>
<th>Graduate Student and Postdoc Mentoring Session</th>
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<tr>
<td>Lunch Break</td>
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<th>Saturday 13:00 - 14:30</th>
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<th>Poster Session 3</th>
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<tr>
<th>Saturday 14:30 - 16:10</th>
<th>521ABC</th>
<th>Paper Session 51 – Across Languages</th>
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<tbody>
<tr>
<td>Differences in Learntability of Pantomime Versus Artificial Sign: Iconicity, Cultural Evolution, and Linguistic Structure</td>
<td>Tania Delgado, Seana Coulson, Lila Rissman, Kyle Rawlins, Barbara Landau</td>
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<tr>
<td>Event Participants and Verbal Semantics: Non-Discrete Structure in English, Spanish and Mandarin</td>
<td>Carmen Saldana, Yohei Oseki, Jennifer Culbertson</td>
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<td>Do Cross-linguistic Patterns of Morpheme Order Reflect a Cognitive Bias?</td>
<td>Carmen Saldana, Yohei Oseki, Jennifer Culbertson</td>
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<td>Jessie and Gary Or Gary and Jessie? Cognitive Accessibility Predicts the Order in English and Japanese</td>
<td>Karina Tachihara, Miah N. Ritcher, Adele Goldberg</td>
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<th>Saturday 14:30 - 16:10</th>
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<th>Paper Session 52 – Gestures</th>
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<tr>
<td>Rafael E. Nunez, Kanan Celik, Natsuko Nakagawa</td>
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<td>Do People Use Gestures Differently to Disambiguate the Meanings of Japanese Compounds?</td>
<td>Kei Kashidohata, Tetsuya Yasuda, Harumi Kobayashi</td>
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<tr>
<td>Unraveling Predictions: Anticipatory Crossmodal Interactions Are Unaffected by the Current Hand Posture</td>
<td>Johannes Lohmann, Martin V. Butz</td>
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</table>
Saturday 14:30 - 16:10  518BC  Paper Session 53 – Cognitive Development
Tensions Between Science and Intuition in School-Age Children  Andrew G. Young, Isabel Gaddes, Claire Weidler, Andrew Shultzman
Developmental Changes in the Ability to Draw Distinctive Features of Object Categories  Bria Long, Judith, E., Fan, Zixian Chai, Michael, C. Frank
Sources of Knowledge in Children's Acquisition of the Successor Function  Rosa M. Schneider, Kaizhi Guo, David Baner
A Comprehensive Examination of Preschoolers' Probabilistic Reasoning Abilities  Samantha Guattieri, Stephanie Denson

Saturday 14:30 - 16:10  519A  Paper Session 54 – Skill Acquisition
Human Few-shot Learning of Compositional Instructions  Brenden Lake, Tal Linzen, Marco Baroni
Measuring Programming Competence By Assessing Chunk Structures in a Code Transcription Task  Noorah Abbohajian, Peter Cheng
Evis Has Left the Building: Correlational But Not Causal Relationship Between Music Skill and Cognitive Ability  Giovanni Sala, Fernand Gobet

Saturday 14:30 - 16:10  524B  Paper Session 55 – Pragmatics
The Interactions of Rational, Pragmatic Agents Lead to Efficient Language Structure and Use  Benjamin Peloquin, Noah Goodman, Michael C. Frank
(In-)definites, (Anti-)uniqueness, and Uniqueness Expectations  Nadine Bade, Florian Schwarz
Prosodic Cues Signal the Intent of Potential Indirect Requests  Sean Troll, Stefanie Read, Victor Ferreira, Benjamin Bergen
The Importance of Morally Satisfying Endings: Cognitive Influences On Storytelling in Gillian Flynn’s Gone Girl  Sarah Binau, Robin Meinrich, Jack I. Abecassis

Saturday 14:30 - 16:10  524C  Paper Session 56 – Social Cognition
Go With Plan A: Backup Plans Help the Powerful But Distract the Powerless  Leila Mariia Straub, Petra C. Schmid
Moral Reputation and the Psychology of Giving: Praise Judgments Track Personal Sacrifice Rather Than Social Good  Samuel Johnson
Structural Thinking About Social Categories: Evidence From Formal Explanations, Generics, and Generalization  Nadya Vasilyeva, Tania Lombrizo
A Conceptual Model of Self-Adaptive Systems Based on Attribution Theory  Nianyu Li, Zhengyin Chen, Zi-Long Li, Wenpin Jiao

Saturday 14:30 - 16:10  522ABC  Paper Session 57 – Language Development
Online Phonetic Training Improves L2 Word Recognition  Gerda Ana Melnik, Sharon Peperkamp
What Syntactic Structures Block Dependencies in RNN Language Models?  Ethan Gotlieb, Wilcox, Roger Levy, Richard Futrell
Phoneme Learning Is Influenced by the Taxonomic Similarity of the Semantic Referents  Abdelhafid Fourtassi, Emmanuel Dupoux
Generic Noun Phrases in Child Speech  Samarth Mehrotra, Amy Perfors

Saturday 14:30 - 16:10  525AB  Paper Session 58 – Active Learning
Navigating the "Chain of Command": Enhanced Integrative Encoding Through Active Control of Study  Doug Markant
Benefits of Active Control of Study in Autistic Children  Nicholas Penti, Valentina Fantasia, Doug Markant, Costanza De Simone Gianni Valeri
Targeted Mathematical Equivalence Training Lessens the Effects of Early Misconceptions On Equation Encoding and Solving  Kristen Johannes, Jodi Davenport
Active Learning for a Number-Line Task with Two Design Variables  Sang Ho Lee, Dan Kim, John Opfer, Mark Pitt, Jay Myung

Saturday 14:30 - 16:10  519B  Paper Session 59 – Spatial Cognition
Perceived Area Plays a Dominant Role in Visual Quantity Estimation  Sami, R, Youisl, Emma Alexandrov, Elizabeth Bannette, Frank Kell
Spatial Memory of Immediate Environments  Holger Schultheis
Relative Evaluation of Location: How Spatial Frames of Reference Affect What We Value  Andrea Bander, Sarah Teige-Mocigemba, Annelie Rothe-Wulf, Minam Seel, Sieghard Beller
"Natural Concepts" Revisited in the Spatial-topological Domain: Universal Tendencies in Focal Spatial Relations  Alexandra Carstensen, George Kachergis, Noah Hermalin, Tony Rogier

Saturday 14:30 - 16:10  520AD  Understanding Interactions amongst Cognitive Control, Learning and Representation  Sebastian Musitnick, Abigail Novick Holkin, Taylor Webb, Steven Frankland, Jonathan Cohen, Rebecca L. Jackson, Matthew Lambon Ralph, Lang Chen, Timothy T. Rogers, Randall C. O’Reilly, Alexander Alexandrov Petrov
Intelligent Machines  Yoed Kenett, Nichol Castro, Elisabeth Karuza, Michael Vitevitch


Saturday 14:30 - 16:10  520CF  Cognitive Network Science: Quantitatively Investigating the Complexity of Cognition  Yoed Kenett, Nichol Castro, Elisabeth Karuza, Michael Vitevitch

Saturday 14:30 - 16:10  520CB  Afternoon Break

Friday 16:10 - 18:30  517D  Invited Symposium: Creativity in the Arts  David Kirsh, UCSD; Gili Weinberg, Georgia Tech; Brian Magenro, Georgia Tech; Valentina Nisi, University of Madeira

Saturday 18:00 - 18:05  517D  Conference Closes
<table>
<thead>
<tr>
<th>Day</th>
<th>Times</th>
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<tr>
<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>Mathematics Skills and Executive Functions Following Preterm Birth: A</td>
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<td>Longitudinal Study of 5- to 7-Year Old Children</td>
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<td>Authors: Julia Anna Adrian, Frank Haist, Natacha Akshoomoff</td>
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<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>Decision-Making in A Social Multi-Armed Bandit Task: Behavior,</td>
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<td>Electrophysiology and Pupillometry</td>
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<td>Authors: Julia Anna Adrian, Siddharth Siddharth, Zain A. Baqar, Tzyy-Ping</td>
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<td>Jung, Gedeon Deak</td>
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<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>Using Machine Learning to Guide Cognitive Modeling: A Case Study in</td>
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<td>Moral Reasoning</td>
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<td>Authors: Mayank Agrawal, Joshua Peterson, Tom Griffiths</td>
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<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>Quantifying the Conceptual Combination Effect on Word Meanings</td>
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<td>Authors: Nora E. Aguirre Celis, Risto Mikkulainen</td>
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<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>The Effect of Chronic Regulatory Focus on Sampling Behavior and Risky</td>
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<td>Authors: Lujain Al Alamy, James E. Corter</td>
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<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>Numerosity Capture of Attention</td>
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<td>Authors: Santiago Alonso Diaz, Jessica Cantlon</td>
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<td>Thursday</td>
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<td>Intrinsic Whole Number G9 Indigenous Population</td>
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<td>Authors: Santiago Alonso Diaz, Jessica Cantlon, Steven Plantadosi</td>
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<td>Thursday</td>
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<td>Surmise-Based Learning with Non-Solid Substances</td>
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<td>Authors: Erin M. Anderson, Natasha Zeigler, Susan Hespos, Lance Rips</td>
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<td>Thursday</td>
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<td>Explicit Cues Lead to Reward-related Enhancements in Motor Skill</td>
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<td>Authors: Sean Anderson, Taraz G. Lee</td>
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<td>Thursday</td>
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<td>Composing Indeterminate Event Information in Context: Evidence from an</td>
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<td>Eye-Tracking Memory Paradigm</td>
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<td>Authors: Caitlyn Antal, Roberto, G. de Almeida</td>
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<td>Co-thought Gestures during Abstract Relational Reasoning</td>
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<td>Authors: Misha S. Ash, Kensy Cooper, Derre Gentner, Susan Goldin-Meadow</td>
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<td>Thursday</td>
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<td>Distant Concept Connectivity in Network-Based and Spatial Word</td>
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<td>Garnering Support for Number and Area as Integral Dimensions</td>
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<td>Authors: Lauren Aulet, Stella Lourenco</td>
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<td>Thursday</td>
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<td>Efficient Data Compression Leads to Categorical Bias in Perception and</td>
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<td>Perceptual Memory</td>
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<td>Authors: Christopher Bates, Robert Jacobs</td>
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<td>A Multi-study Neuroeducational Perspective on Vocabulary Learning</td>
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<td>Inferior Frontal Gyrus Involvement during Search and Solution in Verbal</td>
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<td>Creative Problem Solving: A Parametric FMRI Study</td>
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<td>Movements and Visuospatial Working Memory: Examining the Role of Movement</td>
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<td>Authors: Divya Bhatia, Pietro Spataro, Celia Rossi-Arnaud</td>
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<td>Thursday</td>
<td>13:00 - 14:30</td>
<td>Where Do Heuristics Come From?</td>
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<td>Authors: Marcel Binz, Dominik M. Endres</td>
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<td>Thursday</td>
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<td>Emulating Human Developmental Stages with Bayesian Neural Networks</td>
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<td>Translation Tolerance in Vision</td>
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<td>Stability of Core Language Skill from Infancy to Adolescence in Typical</td>
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<td>Mapping Visual Features onto Numbers</td>
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<td>The Effects of Video Interviews on Perceptions of Applicant Quality</td>
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<td>Thursday</td>
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<td>The Role of Task Characteristics and Individual Differences in Pointing</td>
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<td>Authors: Heather Burrete</td>
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<td>Modeling Delay Discounting Using Gaussian Process with Active Learning</td>
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<td>Authors: Jorge Chang, Jiseob Kim, Byoung-Tak Zhang, Mark Pitt, Jay Myung</td>
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<td>Thursday</td>
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<td>Eye-tracking as A Measure of Table Tennis Expert-Novice Differences in</td>
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<td>Theory of Mind</td>
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<td>Authors: Ting-Hsuan Chang, Fu-Zen Shaw, Sheng-Fu Liang, Hung-Ta, Chiu,</td>
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<td>Jon-Fan Hu, Wei-En Chang</td>
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<td>The Effect of Word-by-word Presentation on Reading of Chinese Texts</td>
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<td>By Native Chinese Readers and Learners of Chinese As A Second Language</td>
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<td>Authors: Jenn-Yeu Chen, Yulin Chuang</td>
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<td>Thursday</td>
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<td>Influence of Linguistic Tense Marking on Temporal Discounting: From the</td>
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<td>Perspective of Asymmetric Tense Marking in Japanese</td>
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<td>Authors: Qixiang Chen, Hidehito Honda, Kazuhiro Ueda</td>
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<td>Elucidating the Cognitive Anatomy of Representation Systems</td>
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<td>Authors: Peter Cheng, Grecia Garcia Garcia, Holly, Elizabeth Anne,</td>
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<td>Sutherland, Daniel Raggi, Aaron Stockdill, Mateja Jamnik</td>
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Thursday 13:00 - 14:30 Providing Stroke Sequence of Chinese Characters Facilitates Handwriting Learning in Children with Developmental Coordination Disorder
Rong-Ju Cheng, Yi-Wen Liao, Jenn-You Chen

Thursday 13:00 - 14:30 The Explanatory Value of Mathematical Information in Everyday Explanations
Seth Chin-Parker, Sam Cowling, May Mei

Thursday 13:00 - 14:30 Why Some Events Are More (or Less) Random: The Role of Alternation Rate and Number of Occurrence
Karen H. H. Chu, Sophia W. Deng

Thursday 13:00 - 14:30 Comparing the Social Judgements Between American and Taiwanese Cultures
Yun Chuang, Jon-Fan Hu

Thursday 13:00 - 14:30 Female Advantage in Visual Working Memory Capacity for familiar Shapes But Not for Abstract Symbols
Adam Chuderski, Jan Jastrzebski

Thursday 13:00 - 14:30 Using Transcranial Direct Current Stimulation (tDCS) to Modulate the Face Inversion Effect on the N170 ERP Component.
Ciro Civile, Brad Wooster, Adam Curtis, R.P. McLaren, Aureliu Lavric

Thursday 13:00 - 14:30 Reinforcement Learning and Insight in the Artificial Pigeon
Thomas R. Colin, Tony Belpaeme

Thursday 13:00 - 14:30 Metacognitive Modeling; Using Cognitive Modeling to Clarify Philosophical Metacognitive Concepts
Brendan Conway-Smith, Robert West

Thursday 13:00 - 14:30 Subtle Differences in Language Experience Moderate Performance on Language-based Cognitive Tests
Maury Courtland, Aida Mostafazadeh Davani Melissa Reyes Leigh, Yeh Jun, Yen Leung, Brendan Kennedy, Morteza Dehghani

Thursday 13:00 - 14:30 Rule-following, Lexical Competence and Categorization Processes
Marco Cruciani, Francesco Gagliardi

Thursday 13:00 - 14:30 From Wugged to Wug: Reverse Generalisation of Stems From Novel Past Tense Verbs
Christine Cuskey, Stella Frank, Kenny Smith

Thursday 13:00 - 14:30 Eye Blink Rate Predicts and Dissociates Effective Execution of Early and Late Stage Creative Idea Generation
Alwin de Rooij, Ruben D. Vromans, Matthijs Dekker

Thursday 13:00 - 14:30 Tracking the Wandering Mind: Memory, Mouse Movements and Decision Making Styles
Mariana Rachel Dias da Silva, Marie Postma

Thursday 13:00 - 14:30 Reinforcing Rational Decision Making in A Risk Elicitation Task Through Visual Reasoning
Stella Doukianou, Damon Daylamani-Zad, Petros Lameras, Ian Dunwell

Thursday 13:00 - 14:30 Decomposing Human Causal Learning: Bottom-up Associative Learning and Top-down Schema Reasoning
Mark Edmonds, Siyuan Qi, Yixin Zhu, James Kubricht, Song-Chun Zhu, Hongjing Lu

Thursday 13:00 - 14:30 Exergame Training of Executive Function in Preschool Children: Generalizability and Long-term Effects
Cassondra, M. Eng, Melissa Pocsai, Dominic Calkosz, Nathan Williams, Erik Thiessen, Anna Fisher

Thursday 13:00 - 14:30 Learned Social Values Modulate Representations of Faces in the Fusiform Face Area
Ariana M. Familari, Alice Xia, Sharon L. Thompson-Schill

Thursday 13:00 - 14:30 Learning a Smooth Kernel Regularizer for Convolutional Neural Networks
Reuben A. Feinman, Brenden Lake

Thursday 13:00 - 14:30 Mapping Space: A Comparative Study
Michele Feist, Yuan Zhang

Thursday 13:00 - 14:30 No Morphological Markers, No Problem: ERP Study Reveals Semantic Factors Differentiating Neural Mechanisms of Noun and Verb Processing
Jun Feng, Tao Gong, Lan Shuai, Yicheng Wu

Thursday 13:00 - 14:30 The Impact of Frequency on the Evolution of Category Systems
Vanessa Ferdinand, Charles Kemp, Amy Perfors

Thursday 13:00 - 14:30 How Victim Framing Shapes Attitudes Towards Sexual Assault
Stephen Flusberg, Sarah Husney, Casey Pollard, Kevin J. Holmes

Thursday 13:00 - 14:30 Agent framing Moderates Concerns About Moral Contagion
Stephen Flusberg, Carly LaPlace

Thursday 13:00 - 14:30 Do Neural Language Representations Learn Physical Commonsense?
Maxwell Forbes, Ari Holtzman, Yejin Choi

Thursday 13:00 - 14:30 Learning Cross-linguistic Word Classes Through Developmental Distributional Analysis
Daniel Freudenthal, Julian M. Pine, Fernand Gobet

Thursday 13:00 - 14:30 Testing the Limits of Non-adjacent Dependency Learning: Statistical Segmentation and Generalization Across Domains
Rebecca Frost, Erin Isbilen, Morten Christiansen, Padraic Monaghan

Thursday 13:00 - 14:30 Reframing Convergent and Divergent Thought for the 21st Century
Liane Gabora

Liane Gabora

Thursday 13:00 - 14:30 A New Class of Proximity Data Obtained From Dictionary Networks
Camilo Garrido, Claudio Gutierrez, Guillermo Soto

Thursday 13:00 - 14:30 Understanding Language about Other People's Actions
Tom Gijsels, Marianna Y. Zhang, Che Lucero, Marc G. Berman, Daniel Casasanto
Thursday 13:00 - 14:30 Event Cognition from the Perspective of Cognitive Development
Vladimir Glebkin, Ekaterina Olenina, Nikita Safronov

Thursday 13:00 - 14:30 Detecting Students Problem Solving Strategies Using Sankey Diagrams
Tao Gong, Christopher Agard, Gary Feng, Gabrielle Cayton-Hodges, Luis Baldoria

Thursday 13:00 - 14:30 A Convolutional Self-organizing Map for Visual Category Learning
Chris Gorman, Lech Szymanski, Anthony Robins, Alistair Knott

Thursday 13:00 - 14:30 The Role of Prior Beliefs in the Rational Speech Act Model of Pragmatics: Exhaustivity as A Case Study
Ethan Gotlieb, Wilcox Benjamin Spector

Thursday 13:00 - 14:30 Boundaries of Creativity: Thick or Thin Organization?
Jean-Christophe Goulet-Pelletier, Denis Cousineau

Thursday 13:00 - 14:30 A Proverb Is Worth A Thousand Words: Learning to Associate Images with Proverbs
Özbal Gözde, Daniele Pighin, Carlo Strapparava

Thursday 13:00 - 14:30 Learning Deep Taxonomic Priors for Concept Learning from Few Positive Examples
Erin Grant, Joshua Peterson, Tom Griffiths

Thursday 13:00 - 14:30 Do You Need More than Two Subjects: Using Cognitive Modeling to Make Accurate Predictions for Individual Subjects
Emily Greve, Elisabeth Reid, Robert West

Thursday 13:00 - 14:30 A Surprising Density of Illusionable Natural Speech
Melody Y. Guan, Gregory Valiant

Thursday 13:00 - 14:30 Exploring Cognitive States Through Real-time Classification and Sonification of Brain Data
Yann Harel, Antoine Bellemare, Arthur Dehghan, Anne-Lise Saive, Karim Jerbi

Thursday 13:00 - 14:30 When Circumstances Change, Update Your Pronouns
Joshua K. Hartshorne, Mariela V. Jennings, Tobias Gerstenberg, Josh Tenenbaum

Thursday 13:00 - 14:30 An Ontology of Decision Models
Lisheng He, Wenjia Joyce, Zhao Sudeep Bhatia

Thursday 13:00 - 14:30 The Role of AMPA Receptor Exchange in Systems Memory Reconsolidation: A Computational Model
Peter Helfer, Thomas Shultz

Thursday 13:00 - 14:30 Statistical Learning Ability as A Measure of Cognitive Function
Steffen, A., Herff, Nur Amirah, Abdul Rashid, Jimmy Lee, Tih Shih Lee, Kat Agres

Thursday 13:00 - 14:30 How Can Diverse Memory Improve Group Decision Making?
Hidehito Honda, Itsuki Fujisaki, Toshihiko Matsuka, Kazuhiro Ueda

Thursday 13:00 - 14:30 The Effect of Semantic Diversity on Serial Recall for Words
Yaling Hsiao, Matthew H. C. Mak, Kate Nation

Thursday 13:00 - 14:30 A Two-Process Model of Semantic Development
Philip Huebner, Jon Willits

Thursday 13:00 - 14:30 The Impact of Meta-memory Judgments on Undergraduates’ Learning and Memory Performance
Salwa Ali Humsani, Ciro Civile

Thursday 13:00 - 14:30 How Does Art Appreciation Promote Artistic Inspiration?
Chiaki Ishiguro, Takeshi Okada

Thursday 13:00 - 14:30 Wait for It! Stronger Influence of Context on Categorical Perception in Danish than Norwegian
Byurakn Ishkhanyan, Anders Hojen, Riccardo Fusaroli, Christen Johansson, Kristian Tylen, Morten, H. Christiansen

Thursday 13:00 - 14:30 Interacting Physically with Insight Problems Does Not Affect Problem Solving Process
Jan Jastrzebski, Hanna Kucwaj, Adam Chuderski

Thursday 13:00 - 14:30 Emergence: A Proposal for A Foundational Revolution in Cognitive Science
Jay B. Jennings

Thursday 13:00 - 14:30 Boundedness in Event and Object Cognition
Yue Ji, Anna Papafitsou

Thursday 13:00 - 14:30 Single Template Vs. Multiple Templates: Examining the Effects of Problem Format on Performance
Yang Jiang, Ma Victoria, Almeda Shimin, Kai Ryan Baker, Korinn Ostrow, Paul Salvador Inventado, Peter Scupelli

Thursday 13:00 - 14:30 Elicitation and Assessment of Emotion in Computational Rationality
Jussi Jokinen, Viet Ba Hirvola

Thursday 13:00 - 14:30 When Do Iconic Gestures Facilitate Word Learning? The Case of L2 Lessons For Preschoolers Led By A Robot or Human Tutor
Junko Kanero, Cansu Oranç, Sümeyye Koşkulu, Tilbe Göksun, Aylin C. Küntay

Thursday 13:00 - 14:30 Offloading Memory: Serial Position Effects
Megan O. Kelly, Evan Risko

Thursday 13:00 - 14:30 How the Organization of Autobiographical Memories Changes Over Time
Yoed Kenett, Alexa Tompary, Sharon L. Thompson-Schill

Thursday 13:00 - 14:30 Thinking Through the Implications of Neural Reuse for the Additive Factors Method
Luke Kersten

Thursday 13:00 - 14:30 Making Young Children’s Design Cognition Visible
Mi Song Kim

Thursday 13:00 - 14:30 Polysyemy and Verb Mutability: Differing Processes of Semantic Adjustment for Verbs and Nouns
Daniel C. King, Dedre Gentner
Thursday 13:00 - 14:30  Getting Insight by Talking to Others – or Losing Insight by Talking Too Much?  Sachiko Kiyokawa, Zoltan Dienes

Thursday 13:00 - 14:30  Choosing the Unimaginable: Social Psychological factors in Seeking Transformative Experiences  Marta Kryven, Laura Niemi, Laurie Paul, Josh Tenenbaum

Thursday 13:00 - 14:30  Temporal Structure in Reaction Time Data Is Sensitive to Exercised Control  Devpriya Kumar, Narayanran Srinivasan, Akanksha Malik

Thursday 13:00 - 14:30  An Investigation on the Relationships Among Social Cognition Processes by Eye-Tracking Techniques  Pei-Ling Kuo, Ting Yun Chen, Ting-Hsuan Chang, Shliau-Wen Chen, Mingze Liu, Jon-Fan Hu

Thursday 13:00 - 14:30  Rudimentary Modeling of Acceptability Judgement from A Large Scale, Unbiased Data  Kow Kuroda, Hikaru Yokono, Keiga Abe, Tomoyuki Tsuchida, Yoshihiko Asao, Yuichiro, Kobayashi, Toshiyuki Kanamaru

Thursday 13:00 - 14:30  How the Brain Learns Language: an Exploration of the Brain Areas Involved in Statistical Language Learning  Imme Lammertink, Gillian Clark, Judith Rispens, Jarrad Lum

Thursday 13:00 - 14:30  Sensitivity to Temporal Community Structure in the Language Domain  Kendra V. Lange, Carol A. Miller, Daniel J. Weiss, Elisabeth Karuza

Thursday 13:00 - 14:30  Does the Intuitive Scientist Conduct Informative Experiments?: Children's Early Ability to Select and Learn from Their Own Interventions  Elizabeth Lapidow, Caren M. Walker

Thursday 13:00 - 14:30  Novel Labels Modify Visual Attention in 2-year-old Children  Alexander S. LaTourrette, Miriam A. Novack, Sandra Waxman

Thursday 13:00 - 14:30  Low Entropy Facilitates Word Segmentation in Adult Learners  Ori Lavi-Rotbain, Inbal Arnon

Thursday 13:00 - 14:30  When Sleep-Dependent Gist Extraction Goes Awry: False Composite Memories Are Facilitated by Slow Wave Sleep  Itamar Lerner, Tony Pierre Kerbaj, Mark Gluck

Thursday 13:00 - 14:30  Active Physical Inference Via Reinforcement Learning  Shuaiji Li, Yu Sun, Sijia Liu, Tianyu Wang, Todd M. Gureckis, Neil R. Bramley

Thursday 13:00 - 14:30  Predicting Human Decisions in A Sequential Planning Puzzle with A Large State Space  Yichen Li, Zahy Bnaya, Wei Ji Ma

Thursday 13:00 - 14:30  Expertise and Anchoring Bias in Medical Decision Making  Aron Liaw, Matthew Brian Welsh, Hillary Copp, Benjamin Breyer

Thursday 13:00 - 14:30  Selecting and Evaluating Evidence: The Garden of Forking Information Paths  Alice Liefgreen, Toby D. Pilditch, David Lagnado

Thursday 13:00 - 14:30  Curiosity, Frontal EEG Asymmetry, and Learning  Gabriel Lima, Fabiana Rocha

Thursday 13:00 - 14:30  Rapid Information Gain Explains Cross-linguistic Tendencies in Numerical Ordering  Emmy Liu, Yang Xu

Thursday 13:00 - 14:30  Effects of Affective Ratings and Individual Differences in English Morphological Processing  Kadi Lõo, Abigail Toff, Figen Karaca, Juhani Järvi

Thursday 13:00 - 14:30  How Does Temperature Affect Behaviour? A Meta-analysis of Effects in Experimental Studies  Dermot Lynott, Katherine Corker, Louise Connell, Kerry O'Brien

Thursday 13:00 - 14:30  Measuring Creativity in the Classroom: Linking Group Patterns with Individual Outcomes  Leanne Ma

Thursday 13:00 - 14:30  Integration of Gaze Information during Online Language Comprehension and Learning  Kyle MacDonald, Elizabeth, M, Swanson, Michael C. Frank

Thursday 13:00 - 14:30  Reasoning About Dissent: Expert Disagreement and Shared Backgrounds  Jens Koed Madsen, Ulrike Hahn, Toby D. Pilditch

Thursday 13:00 - 14:30  Effect of Suggestions from a Physically Present Robot on Creative Generation  Akihiro Maehigashi, Yugo Hayashi

Thursday 13:00 - 14:30  Cultural Difference of the Effect of Analytical / Intuitive Thinking Style on Reasoning, JDM, and Belief Tasks  Yoshimasa Majima

Thursday 13:00 - 14:30  How Many Dimensions of Mind Perception Really Are There?  Bertram F. Malle

Thursday 13:00 - 14:30  Insulating Distributional Semantic Models from Catastrophic Interference  Willa Mannering

Thursday 13:00 - 14:30  Making the Implicit Explicit: Effects of Verbalization in Decisions from Experience  Yaoli Mao, James E. Corter

Thursday 13:00 - 14:30  Same Words, Same Context, Different Meanings: People Are Unaware Their Own Concepts Are Not Always Shared  Louis Marti, Steven Plantadosi, Celeste Kidd

Thursday 13:00 - 14:30  Do Learners’ Word Order Preferences Reflect Hierarchical Language Structure?  Alexander Martin, Klaus Abeles, David Adger, Jennifer Culbertson

Thursday 13:00 - 14:30  Forming Action-Effect Contingencies Through Observation of a Dot-Control Task  Jasmine Mason, J. Scott Jordan

Thursday 13:00 - 14:30  Analysis on Learning a Latent Structure in a Probabilistic Reversal Learning Task  Akira Masumi, Takashi Sato
Asymmetrical Belief Sensitivity and Justification Explain the Wells Effect
Angel Pinillos, Sara Jaramillo, Zachary Horne

Parent Comparison and Contrast Speech Is Affected By Variation of Present Visual Display and Child Language Comprehension
Gwendolyn F. Price, Catherine Sandhofer

Karolina Prochownik, Fiery Cushman

The Expected Unexpected & Unexpected Unexpected
Molly S. Quinn, Katherine Campbell, Mark T. Keane

(Mis)interpretations of Implausible Passive Sentences Pattern with N400 amplitudes
Milena Rabovsky, Kazunaga Matsuki, Ken McRae

SpotLight on Dynamics of Individual Learning
Roussel Rahman, Wayne D. Gray

Neuromodulation of Electrophysiological Correlates of Reinforcement Learning in Humans
Patrick Rice, Mathi Manavalan, Andrea Stocco

Do Verbal Labels Enhance Detection of Visual Targets?
Catherine E. Richards, James E. Hoffman, Timothy Vickery, Anna Papafragou

Distributional Semantic Representations Predict High-level Human Judgment in Seven Diverse Behavioral Domains
Russell Richie, Wanling Zou, Sudeep Bhatia

Categorical Rhythms Shared between Songbirds and Humans
Tina, C. Roeske, Ofer Tchernichovski, David Poeppel, Nori Jacoby

Preparing Not to Forget: Actions Take to Plan for Memory Error
Lorena Rosales, Andrea J., Sell

Asymmetry × (Non)monotonicity: Towards A Deeper Understanding of Key Cognitive Di/Trichotomies and the Common Model of Cognition
Paul S. Rosenbloom

Modelling Eye Tracking Dynamics with Quantum Theory
Agnes Rosner, Irina Basieva, Albert Barque-Duran, Andreas Gloeckner, Bettina von Helversen, Andrei Khrennikov, Emmanuel Pothos

Unknitting the Meshwork: Interactivity, Serendipity and Individual Differences in A Word Production Task
Wendy Ross, Frederic Vallee-Tourangeau

Inattentional Blindness in Visual Search
Matt Rounds, Chris Lucas, Frank Keller

Modeling Axonal Plasticity in Artificial Neural Networks
James W. Ryland

How Productivity and Compositionality May Emerge from A Neural Dynamics of Perceptual Grounding
Daniel Sabinsaz, Mathis Richter, Jonas Lins, Gregor Schöner

Tim Sainburg, Marvin Thielk, Timothy Gentiner

Analysis of Review Quality By Using Gaze Data during Document Review
Koki Saito, Shohei Hidaka

Investigating the Role of the Visual System in Solving the Traveling Salesperson Problem
Zahra Sajedinia, Zygmunt Pizlo, Sebastien Heile

Marlene Scharfe, Nele Russwinkel

Capturing Intra- and Inter-Brain Dynamics with Recurrence Quantification Analysis
Rebecca Scheurich, Alexander P. Demos, Anna Zamm Brian Mathias, Caroline Palmer

Big, Hot, or Bright? Integrating Cues to Perceive Home Energy Use
Eleanor Schille-Hudson, Tyler Marghetis, Deidra Miniard, David Landy, Shahzeen Attari

Temporal Dynamics of Preschoolers' Novel Word Learning and Categorization
Christina Schonberg, Haley Vlach

Speaker-specific Adaptation to Variable Use of Uncertainty Expressions
Sebastian Schuster, Judith Degen

An Associative Theory of Semantic Representation
Kevin D. Shabahang, Hyungwook Yim, Simon J. Dennis

One-Object Decision-Making Model: Fast and Frugal Heuristic for Human Activity Classification
Karan Sharma, Suchandha Bhandarkar

A CTA-DCD Model to Determine Design Requirements for Technology to Support People with Mild Cognitive Impairment / Dementia At Work
Karan Shastri, Jennifer Boger, Parminde Flora, Arlene Astell, Ann-Charlotte Nedlund, Katja Karjalainen, Anna Mäki-Petäjä-Leinonen

An Empirical Investigation of Joint–Separate Effect on Preference of Causal Explanation
Asaya SHIMOJO, Kazuhisa Miwa, Hitoshi Terai

Recombinant Building: The Ability to Generate and Recombine Navigation Structures Is Difficult to Acquire Through Just Reinforcement Learning
Ganesh Shinde, Harshit Agrawal, Sanjay Chandrasekharan

Can A forward Posture Enhance Willingness to Change One’s Own Attitude in Decision Making? Nudging with Embedded Cognition Approach
Masaru Shirasuna, Hidehito Honda, Kazuhiro Ueda
When Experts Err: Using Tetris Models to Detect True Errors From Deliberate Sub-Optimal Choices
Catherine Sibert, Wayne D. Gray

Impact of Explicit Failure and Success-driven Preparatory Activities on Learning
Tanmay Sinha, Manu Kapur, Robert West, Michele Catasta, Matthias Hauswirth, Dragan Tmirez

When Productive Failure Fails
Tanmay Sinha, Manu Kapur

Flexible Strategy Use in ACT-R's Tic-Tac-Toe
Julia Mateusz Skirzynski, Piotr Wasilewski

Real-time Inference of Physical Properties in Dynamic Scenes
Kevin A. Smith, Mario Belledonne, Iker Yildirim, Jiajun Wu, Josh Tenenbaum

Cognitively-Inspired Salience Computation for Intelligent Agents
Sterling Somers, Konstantinos Mitsopoulos, Christian Lebiere, Robert Thomson

Using Occam's Razor and Bayesian Modelling to Compare Discrete and Continuous Representations in Numerous Judgements
Jake Spicer, Adam Sanborn, Ulrik Beierholm

Evidence for Effort Prediction in Perceptual Decisions
Nisheeth Srivastava

Decision-makers Minimize Regret When Calculating Regret Is Easy
Nisheeth Srivastava

To Teach Better, Learn First
Oana Stanciu, Mate Lengyel, Jozsef Fiser

An Attractor Neural-Network Simulation of Decision Making
Ashley Stendel, Thomas Shultz

Correction of Manipulated Responses in the Choice Blindness Paradigm: What are the Predictors?
Thomas Strandberg, Fredrik Björklund, Lars Hall, Petter Johansson, Philip Parnamets

Aha! under Pressure: Is the Aha! Experience Constrained by Cognitive Load?
Hans Stuyck, Axel Cleeremans, Eva Van den Bussche

The Development of Compound Word Processing in Young Children
Takayo Sugimoto

Shame on You! A Computational Linguistic Analysis of Shame Expressions
Jeremiah Sullins, Jeannine Turner, James L. Huff, Ronald Clements

Slang Generation as Categorization
Zhewei Sun, Richard Zemel, Yang Xu

A Case Study of formation of An Art Concept By A Contemporary Artist: Analysis of the Utilization of Drawing in the Early Phase
Kikuko Takagi, Takeshi Okada, Sawako Yokochi

What Factors of Background Music Disrupt Task Performance? Influence of Types of Sound, Tasks, and Working Memory Capacity on Irrelevant Sound/Speech Effect
Maiko Takahashi, Mika Ishikawa, Sachiko Kiyokawa

Redundant Morphological Marking Facilitates Children's Learning of A Novel Construction
Shira Tal, Inbal Arnon

Speaking but Not Gesturing Predicts Motion Event Memory within and across Languages
Marlijn ter Bekke, Asli Özyürek, Ercenur Ünal

Individual Differences in Second Language Age of Acquisition and Language Entropy Predict Non-Verbal Reinforcement Learning Among Bilingual Adults
Mehrgol Tiv, Jason Guillier, A. Ross Otto, Debra Titone

Estimating Average Body Size of Sets of Bodies
Michelle P. S. To, James Brand, Georgia Hampton, Martin J. Tovee

Agent-based Modeling of How National Identity Affects Party Preferences in Voting
Taiji Ueno, Ryu Hakche, Nobuko Asai, Minoru Karasawa

Group Discussion Clarifies the Difference Between Maximin and Equality Principles in Social Distribution for Others
Atsushi Ueshima, Tatsuya Kameda

RunTheLine: An Infinite Runner Serious Game to Train Comprehension of Societally Relevant Large Numbers
Thijs van Den Hout, Hanna Schnaﬀenberger, Florian Krauze, Tibor Bosse, Frank Leone

Exploring the Role of Visuospatial Processes in Surgical Skill Acquisition: A Longitudinal Study
Tina Vajsbaher, Holger Schultheis, Verena Nicole Uslar, Dirk Weyhe, Hüseyin Bektas, Nader Francis

Automatic Model Generation with Symbolic Deep Learning
Vladislav Daniel Veksler, Norbou Buchler

Understanding the Design Neurocognition of Industrial Designers When Designing and Problem-solving.
Sonia Liliana da Silva Vieira, John Gero, Jessica Delmoral, Valentin Gattol, Carlos Fernandes, Marco Parente, Antonio Fernandes

Social Learning and Decisional Constraints in Uncertain Environments
Marius C. Vollberg, Matthias Hofer, Mina Cikara

Thinking Locally or Globally? Trying to Overcome the Tragedy of Personnel Evaluation with Stories or Selective Information Presentation
Momme von Sydow, Niels Braus, Ulrike Hahn

Integrating Stereotypes and Individuating Information Based on Informativeness Under Cognitive Load
Thalia Vrantsidis, William Cunningham
Thursday 13:00 - 14:30 Foundations of Search Behavior: Beyond the Exploration-exploitation Trade-off
Oana Vuculescu, Carsten Bergenholtz, Ali Amidi

Thursday 13:00 - 14:30 Successes of the Intuitive Psychologist: Observers Make Reasonable Judgments in the Role Confirmed Advantage Paradigm
Drew Walker, Nicholas Christenfeld, Ed Vul

Thursday 13:00 - 14:30 Visual Statistical Learning Contributes to Word Segmentation during Reading of Unspaced Chinese Sentences
Tsanyu Wang, Jenn-You Chen

Thursday 13:00 - 14:30 Identifying the Evolutionary Progression of Color from Crosslinguistic Data
Julia Watson, Barend Beehuizen, Suzanne Stevenson

Thursday 13:00 - 14:30 A Tradeoff Between Generalization and Perceptual Capacity in Recurrent Neural Networks
Taylor Webb, Steven Frankland, Simon Segert, Alexander Alexandrov Petrov, Randall C. O'Reilly, Jonathan Cohen

Thursday 13:00 - 14:30 Word-Learning Biases Contribute Differently to Late-Talker and Typically Developing Vocabulary Trajectories
Jennifer Marie Weber, Eliana Colunga

Thursday 13:00 - 14:30 Wriggly, Squiffy, Lummox, and Boobs: What Makes Some Words Funny?
Chris Westbury, Geoff Hollis

Thursday 13:00 - 14:30 A Trade-Off in Learning Across Levels of Abstraction in Adults and Children
Erika Wharton-Shukster, Amy Sue Finn

Thursday 13:00 - 14:30 Evidence for Constructive Influences from Simple Evaluations
Lee, C, White, Emmanuel Pothos, Michael Jarrett

Thursday 13:00 - 14:30 The Accuracy of Causal Learning Over 24 Days
Ciara L. Willeti, Benjamin Rottmann

Thursday 13:00 - 14:30 Modeling Expertise with Neuraly-Guided Bayesian Program Induction
Catherine Wong, Kevin Ellis, Matías Sablé-Meyer, Josh Tenenbaum

Thursday 13:00 - 14:30 Semantic Structure of Infant First-person Scenes Changes with Development
Ziyu Xiang, Linda Smith, David Crandall

Thursday 13:00 - 14:30 Revealing Long-term Language Change with Subword-incorporated Word Embedding Models
Yang Xu, Jiasheng Zhang, David Reitter

Thursday 13:00 - 14:30 The Effects of Object Motion Observations on Physical Prediction
Moyuru Yamada

Thursday 13:00 - 14:30 Commonality Search Shares Processes with Alternative Categorization
Mayu Yamakawa, Sachiko, Kiyokawa

Thursday 13:00 - 14:30 Race and Gender Are Automatically Encoded in Visual Working Memory
Xin Yang, Joshua Langfus, Justin Halberda, Yarrow Dunham

Thursday 13:00 - 14:30 Minimal but Meaningful: Probing the Limits of Randomly Assigned Social Identities
Xin Yang, Yarrow Dunham

Thursday 13:00 - 14:30 The Price of Knowledge: Children Infer Epistemic States and Desires from Exploration’s Cost
Rosie Aboody, Caiqin Zhou, Julian Jara-Ettinger

Friday, July 26th, 13:00 - 14:30

Friday 13:00 - 14:30 The Price of Knowledge: Children Infer Epistemic States and Desires from Exploration’s Cost
Rosie Aboody, Caiqin Zhou, Julian Jara-Ettinger

Friday 13:00 - 14:30 Semantic Coordination of Speech and Gesture in Young Children
Olga Abramov, Stefan Kopp, Katharina Rohlfing, Friederike Kern, Ulrich Mertens, Anne Németh

Friday 13:00 - 14:30 Visual-Motor Control Using Body Representation of A Robotic Arm with Gated Auto-Encoders
Julien Abrossimoff, Alexandre Piti, Philippe Gaussier

Friday 13:00 - 14:30 Culture As Ground For Cross Modality Unidimensional Timelines
Roberto Aguirre, Alejandro Fojo, Mauricio Castillo, Maria Noel Macedo, Adriana de León, Maximiliano Meliande, Germán Tourón
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 - 14:30</td>
<td>Modulation of Mood on Eye Movement Pattern and Performance in Face Recognition</td>
<td>Jeehye An, Janet Hsiao</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Learning By Doing: Supporting Experimentation in Inquiry-based Modeling</td>
<td>Sungeun An, Robert P. Bates, Jennifer Hammock, Spencer Rugaber, Emily Weigel, Ashok Goel</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Distinguishing Learned Categorical Perception from Selective Attention to a Dimension: Preliminary Evidence from A New Method</td>
<td>Janet Andrews, Josh de Leeuw, Rebecca Andrews Cole, Landolt Chrsisy Griesmer</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Children’s Unscientific Conceptions Before and After Instruction in Space Science</td>
<td>Florencia K. Anggoro, Benjamin Jee, Amanda McCarthy, Victoria Jackson, Demiina A. Tsitsopoulou, Iol Karageorgiou</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Using Eye Tracking to Examine Morphological Features and Working Memory Capacity in Agreement Processing</td>
<td>Erik Arnold, Deryle Lonsdale</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>A Computational Cognitive Modeling Approach to Understand Test-takers’ Strategy Use in Drag-and-drop Math Questions</td>
<td>Burcu Arslan, Yang Jiang, Tao Gong, Madeleine Keehner, Irvin Katz</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>A Computational Model of Feature Formation, Event Prediction, and Attention Switching</td>
<td>Eman Awad, Fintan Costello</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Transferability of Calibration Training Between Knowledge Domains</td>
<td>Christopher Babadimas, Christopher George, Boras Nicholas, Rendoulis Matthew, Brian Welsh, Steve Begg</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Linguistic Distributional Information and Sensorimotor Similarity Both Contribute to Semantic Category Production</td>
<td>Briony Banks, Cai Wingfield, Louise Connell</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Investigating the Use of Word Embeddings to Estimate Cognitive Interest in Stories</td>
<td>Morteza Behrooz, Justus Robertson, Arnaw Jhala</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Multimodal Event Knowledge in Online Sentence Comprehension: The Influence of Visual Context on Anticipatory Eye Movements</td>
<td>Valentina Benedettini, Alessandro Lenci, Ken McRae, Pier Marco Bertinetto</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>HOT: Higher Order Tetris, Experts' Subgoals and Activities</td>
<td>Jacquelyn H. Berry, Wayne D. Gray</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Effect of Graphics on Mind Wandering in Online Video Lectures</td>
<td>Laura Bianchi, Kristin E. Wilson, Evan Risko</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Improving Fraction Knowledge to Open the Door to Algebra</td>
<td>Julie L. Booth, Kristie J. Newton, Christina Barbieri, Laura K. Young, Nicole Hallinen,</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>An Asymmetry Between Distance Estimates Made to and from a Target</td>
<td>David A. Bosch, Yaacov Trope</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Neither the Time nor the Place: Omissive Causes Yield Temporal Inferences</td>
<td>Gordon Briggs, Hilary Harner, Christina Wasylshyn, Paul Befo, Sanjeet Khemlani</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Elicitation of Quantified Description Under Time Constraints</td>
<td>Gordon Briggs, Christina Wasylshyn, Paul Befo</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Effect of Multiple Repetitions on Scanning in Long-Term Memory</td>
<td>Ian Marcus Bright, Rebecca DiDomenica, Rui Cao, Marc Howard</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Using Graph Theory to Understand the Structure of Event Knowledge in Memory</td>
<td>Kevin Brown, Nickolas Christidis, Jeffrey Elman, Ken McRae</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Who Are You Talking to Like That? Exploring Adults’ Ability to Discriminate Child- and Adult-directed Speech Across Languages</td>
<td>John P. Bunce, Melanie Soderstrom, Md Momin Al Aziz, Marisa Casillas</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Memory Maintenance of Gradient Speech Representations Is Mediated By Their Expected Utility</td>
<td>Wesley Bushong, T. Florian Jaeger</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Modeling Long-Distance Cue Integration Strategies in Phonetic Categorization</td>
<td>Wesley Bushong, T. Florian Jaeger</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Motivated Reasoning in Causally Ambiguous Explore-Exploit Situations</td>
<td>Zachary A. Caddick, Benjamin Rottman</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Simplicity Preferences in Young Children’s Decision-making</td>
<td>Rebecca Canale, George Loewenstein, Celeste Kidd</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>A Dynamic Neural Field Model of the McGurk Effect and Incongruous Audiovisual Speech Stimuli</td>
<td>Ryan Cannistraci, Jessica Fleming Hay, Aaron Buss</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Exploring the Role of Social Priming in Alcohol Attentional Bias</td>
<td>Stephen Cantarutti, Emmanuel Pothos, Eleni Ziori, Katy Tapper</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Taxonomic and Whole Object Constraints: A Deep Architecture</td>
<td>Mattia Cerrato, Edoardo Arnaudo, Valentina Gliozzi, Roberto Esposito</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Simulating Bilingual Word Learning: Monolingual and Bilingual Adults’ Use of Cross-Situational Statistics</td>
<td>Kin Chung, Jacky Chan, Padraic Monaghan</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Visual Spatial Attention Skills and Holistic Processing in High School Students with and without Dyslexia</td>
<td>Ronald Chan, Chin-wai Kwok, Duo Liu, Ricky Van-yip Tsao</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Exploring Aha! Moments During Science Learning</td>
<td>Christine Chesebrough, Jennifer Wley</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Modeling the Costly Rejection of Wrongdoers by Children Using A Bayesian Approach</td>
<td>Theodore C. K. Cheung, Rachel A. Eng, Daphne Buchsbaum</td>
</tr>
</tbody>
</table>
Audio-Visual Integration: Point Light Gestures Influence Listeners’ Behavior
Susan Wagner Cook

Magnitude Comparisons of Improper Fractions
Lucy Cui, Zili Liu

Scrape, Rub, and Roll: Causal Inference in the Perception of Sustained Contact Sounds
Maddie Cusimano, Josh McDermott

Iconic Prosody Is Rooted in Sensori-Motor Properties: Fundamental Frequency and the Vertical Space
Aleksandra Cwiek, Susanne Fuchs

Sample-Based Variant of Expected Utility Explains Effects of Time Pressure and Individual Differences in Processing Speed on Risk Preferences
Kevin da Silva-Castanheira, Ardavan S. Nobandegani, A. Ross Otto

Lifting the Curse of Knowing: How Feedback Improves Readers’ Perspective-Taking
Debby Damen, Marije van Amstelvoort, Per van der Wijst, Emiel Krahmer

Abstract Concepts and the Suppression of Arbitrary Episodic Context
Charles P. Davis, Pedro M. Paz-Alonso, Gerry T. M. Altmann, Eiling Yee

Sample-Based Variant of Expected Utility Explains Effects of Time Pressure and Individual Differences in Processing Speed on Risk Preferences
Kevin da Silva-Castanheira, Ardavan S. Nobandegani, A. Ross Otto

The Jig-saw of Part-task Training in Dynamic Task Environments
Ropafadzo Denga, Wayne D. Gray

A Reservoir Model for Intra-Sentential Code Switching Comprehension in French and English
Pauline Detraz, Xavier Hinaut

Assessment of Cognitive Load in the Context of Neurosurgery
Daniel A. Di Giovanni, Simon Drouin, Marta Kersten-Oertel, Louis Collins

Predicting Bias in the Evaluation of Unlabeled Political Arguments
Nicholas Diana, John Stamper, Ken Koedinger

Building Blocks of Computational Thinking: Young Children's Developing Capacities for Problem Decomposition
Griffin Dietz, James A. Landay, Hyowon Gweon

A Familiarity-dependent Retrieval Threshold in ACT-R
Cvetomir M. Dimov

Skill Acquisition in a Dynamic Collaborative Task
Cvetomir M. Dimov, John R. Anderson, Shawn Betts, Dan Bothell

Decoding Affirmative and Negated Action-Related Sentences in the Brain with Distributional Semantic Models
Vesna Djoric, Jean Maillard, Luana Bulat, Ekaterina Shutova

How Time Spent on Feedback Influences Learning and Gaze in Categorization Training
Katerina Dolguiik, Jordan Barnes, Tynus Tracey, Mark Blair

Liar’s Intent: A Multidimensional Recurrence Quantification Analysis Approach to Deception Detection
Hannah Douglas, Adriana Rossi, Rachel W. Kallen, Michael J. Richardson

Adaptation Aftereffects as A Result of Bayesian Categorization
Marina Dubova, Arsenii Moskvichev

Modeling Socioeconomic Effects on the Development of Brain and Behavior
Selma Dündar-Coecke, Michael Thomas

Working Memory for Object Concepts Relies on Both Linguistic and Simulation Information
Agata Dymarska, Louise Connell, Briony Banks

Investigating bidirectionality of Associations in Young Infants as an Approach to the Symbolic System
Milad Ekramnia, Ghislaine Dehaene

Moral Reasoning with Multiple Effects: Justification and Moral Responsibility for Side Effects
Neele Engelmann, Michael R. Waldmann

Experimental Conditions Affect How Social Cues Guide the Regularisation of Unpredictable Variation
Olga Feher, Simon Kirby, Kenny Smith

Improv Exercises Promote Uncertainty Tolerance and Improve Creativity Outcomes
Peter Felsman, Sanuri Gunawardena, Colleen Seifert

Space Matters: Investigating the Influence of Spatial Information on Subjective Time Perception
Can Fenerci, Myles LoParco, Kevin da Silva-Castanheira, Signy Sheldon

Individual Differences in Fluency with Idea Generation Predict Children’s Beliefs in Their Own Free Will
Teresa Flanagan, Tamar Kushnir

Using Known Words to Learn More Words: A Distributional Analysis of Child Vocabulary Development
Andrew, Z. Flores, Jessica L. Montag, Jon Willits

Children Master the Cardinal Significance of One-to-one Correspondence After They Learn to Count
Madison Flowers, Lindsay Stoner, Julian Jara-Ettinger

The Impact of Speech Complexity on Preschooler Attention, Speaker Preference, and Learning
Ruth Foushee, Mahesh Srinivasan, Fei Xu

Experimental Investigation on Top-down and Bottom-up Processing in Comprehension of Graphs to Justify Decisions
Misa, Fukuoka Kazuhisa Miwa

Selectivity Metrics Provide Misleading Estimates of the Selectivity of Single Units in Neural Networks
Ela Gale, Ryan Blything, Nicholas Martin, Jeff Bowers, Anh Nguyen
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 - 14:30</td>
<td>Human Visual Object Similarity Judgments are Viewpoint-Invariant and Part-Based as Revealed Via Metric Learning</td>
<td>Joseph German, Robert Jacobs</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Privileged Computations for Closed-class Items in Language Acquisition</td>
<td>Heidi Getz, Elissa L. Newport</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Cross-cultural Differences in Playing Centipede-like Games with Surprising Opponents</td>
<td>Sujata Ghosh, Rineke Verbrugge, Harmen de Weerd, Aviad Heifetz</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Reinstatement of Old Memories and Integration with New Memories</td>
<td>Pierre G. Gianferrara, Marieleke van Kesteren, Martijn Meeter</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Social Consequences of Information Search: Seeking Evidence and Explanation Signals Religious and Scientific Commitments</td>
<td>Maureen Gill, Tania Lombozo</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Why Are Some Online Educational Programs Successful? A Cognitive Science Perspective</td>
<td>Marissa Gonzales, Ashok Goel</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Evaluating Systematicity in Neural Networks with Natural Language Inference</td>
<td>Emily Goodwin, Koustuv Sinha, Timothy O'Donnell.</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Experimental Study on the Decision Making Process in A Centipede Game</td>
<td>Dhiril Goyal, Dhiraj Jagadale, Kavita Vemuri</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Optimal Categorisation: The Nature of Nominal Classification Systems</td>
<td>Alexandra Grandison, Michael Franjieh, Greville G. Corbett</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Stopping Rules in Information Acquisition At Varying Probabilities and Consequences: An Integrated Psychophysiological Measures Approach</td>
<td>Roberto Guedes de Nonohay, Gustavo Gauer, Richard Gonzalez, Guilherme Lannig</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Failing to See What You Are A Part Of: Wisdom Among Crowd Members</td>
<td>Ulrike Hahn, Toby D. Pilditch, Nicole Cruz</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Resource-Rich Versus Resource-Poor Assessment in Introductory Computer Science and Its Implications on Models of Cognition: An In-Class Experimental Study</td>
<td>Tobias Moritz Halfberr, Hermann Lehrer, Manu Kapur</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Strategy Shifting in Navigation: Insights from Trial-level Effects in A Virtual Navigation Task</td>
<td>Chuan Xiuyue He, Alexander Boone, Mary Hegarty</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Rapid Unsupervised Encoding of Object Files for Visual Reasoning</td>
<td>Rachel Flood Heaton, John E. Hummel</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Explaining without Information: The Role of Label Encroachment</td>
<td>Babak Hemmatian, Steven Sloman</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Consequential Consensus: A Decade of Online Discourse about Same-sex Marriage</td>
<td>Babak Hemmatian, Sabina Johanna Sloman, Uriel CohenPrivia, Steven Sloman</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Untangling Indices of Emotion in Music Using Neural Networks</td>
<td>Dorien Herremans, Kin Wai Cheuk, Yin-Jyun Luo, Kat Agres</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Prepare to Swear: Considering Phonological Preparation of Taboo Words</td>
<td>Kathryn Hodges, Alyce Huot, Alexandra K. Frazer, Hazem Abdelaal, Jessica Oxer</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Phenomenological Mind: Foregrounding Experience Through Cognitive Antirealism and Quantum Cognition</td>
<td>Pamela Hoyle, Peter Bruza, Greg Thompson</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Understanding Individual Differences in Eye Movement Pattern during Scene Perception Through Co-Clustering of Hidden Markov Models</td>
<td>Janet Hsiao, Kin Yan Chan, Yuefeng Du, Antoni B. Chan</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Intervention of Affective and Cognitive Theory of Mind on Impacting Social Norm Violation Judgements</td>
<td>Nai Ching Hsiao, Jon-Fan Hu</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>A Tool to analyze Verb Phrase and Noun Phrase Relationship in Sentences</td>
<td>Te-En Huang, Tao-Hsing Chang, Jon-Fan Hu</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Does Incorporating Social Media Messages Into Television Programs affect the Validation of Incorrect Arguments?</td>
<td>Miwa Inuzuka, Yoko Tanaka, Mio Tsubakimoto</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Learning to Control the Other’s Body facilitates the Embodied Perspective Taking</td>
<td>Ryota Ishikawa, Kyohei Sasaki, Saho Ayabe-Kanamura, Jun Izawa</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Relationship Between Inhibitory Control and Creativity</td>
<td>Tal Ivancovsky, Moshe Bar</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Spatial Updating Based on Visually Signaled Self-motion in Virtual Reality</td>
<td>Georg Jahn, Manuel Dudczig, Philipp Klimant</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Do Deep Neural Networks Model Nonlinear Compositionality in the Neural Representation of Human-Object Interactions?</td>
<td>Aditi Jha, Sumeet Agarwal</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Pupilometry Measures of Cognitive Load in Meta-T Dynamic Task Environment</td>
<td>Chris Joanis, Evan Pierce, Wayne D. Gray</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Assessing Integrative Complexity as A Measure of Morphological Learning</td>
<td>Tamar Johnson, Jennifer Cubertson, Hugh Rabagliati, Kenny Smith</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Impact of Chess Training on Creativity and Intelligence</td>
<td>Ebaneezer Joseph, Veena Easvaradoss, David Chandran, Suneera Abraham</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Equanimity Moderates Approach/avoidance Motor-responses and Evaluative Conditioning</td>
<td>Catherine Juneau, Laurent Waroquier, Michael Dambrun</td>
</tr>
</tbody>
</table>
Friday 13:00 - 14:30 Do Children Extend Pragmatic Principles to Non-linguistic Communication?  Alyssa Kampa, Catherine, E. Richards, Anna Paparakou

Friday 13:00 - 14:30 Does Children’s Shape Knowledge Contribute to Age-Related Improvements in Selective Sustained Attention Measured in A TrackIt Task?  Emily Keebler, Jaah Kim, Erik Thiessen, Anna Fisher

Friday 13:00 - 14:30 Curious Topics: A Curiosity-Based Model of First Language Word Learning  Daan Keijser, Lieke Gelderloos, Afra Alishahi

Friday 13:00 - 14:30 High-Dimensional Vector Spaces as the Architecture of Cognition  Matthew A. Kelly, Nipun Arora, Robert West, David Reitter

Friday 13:00 - 14:30 The Reassurance of the Complex Trial Protocol Against Ecologically Validated Countermeasures  Hyemin Kim

Friday 13:00 - 14:30 Does Children’s Shape Knowledge Contribute to Age-Related Improvements in Selective Sustained Attention Measured in A TrackIt Task?  Emily Keebler, Jaah Kim, Erik Thiessen, Anna Fisher

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Friday 13:00 - 14:30 An Attempt to Visualize and Quantify Speech-Motion Coordination by Recurrence Analysis: A Case Study of Rap Performance  Kentaro Kodama, Daichi Shimizu, Kazuki Sekine

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Friday 13:00 - 14:30 Curiouser and Curiouser: Children’s Intrinsic Exploration of Mazes and Its Effects on Reaching A Goal.  Eliza Kosoy, Deepak Pathak, Pulkit Agrawal, Alison Gopnik

Friday 13:00 - 14:30 Emotional Speech Processing with the Help of F2 Syntactic Parser  Artemy Kotov, Nikita Arinkin, Liudmila Zaidelman, Anna Zinina

Friday 13:00 - 14:30 Sizing Up Relations: Dimensions on Which Stimuli Affect Likelihood of Adults’ Relational Processing  Ivan Kroupin

Friday 13:00 - 14:30 Look Out, It’s Going to Fall!: Does Physical Instability Capture Attention and Lead to Distraction?  Marta Kryven, Shohei Croom, Brian Scholl, Josh Tenenbaum

Friday 13:00 - 14:30 Various Sources of Distraction in Analogical Reasoning  Hanna Kucwaj, Jan Jastrzebski, Michaela Ociepka, Adam Chuderski

Friday 13:00 - 14:30 Verbal Insight Revisited: fMRI Evidence for Subliminal Processing in Bilateral Insulae for Solutions with AHA! Experience Shortly After Trial Onset  Simone Kühn, Tobias Sommer, Maxi Becker

Friday 13:00 - 14:30 Orthogonal Multi-view Three-dimensional Object Representations in Memory Revealed by Serial Reproduction  Thomas, A, Langlois, Nori, Jacoby, Jordan Suchow, Tom Griffiths

Friday 13:00 - 14:30 What’s in A Name, and When Can A [Beep] be the Same?  Jill Lary, Abbie Thompson, Ariel Alejandro Aguero

Friday 13:00 - 14:30 The Inductive Benefit of Being Far Out: How Spatial Location of Evidence Impacts Diversity-based Reasoning  Chris Lawson, Noah Wolfe

Friday 13:00 - 14:30 Verbal Insight Revisited: fMRI Evidence for Subliminal Processing in Bilateral Insulae for Solutions with AHA! Experience Shortly After Trial Onset  Simone Kühn, Tobias Sommer, Maxi Becker

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Friday 13:00 - 14:30 Approximate Inference through Sequential Measurements of Likelihoods Accounts for Hick’s Law  Xiang Li, Luigi Acerbi, Wei Ji Ma

Friday 13:00 - 14:30 Do Children Really Have A Trust Bias? Preschoolers Reject Labels from Previously Inaccurate Robots But Not Inaccurate Humans  Xiaoyan Li, Wei Quin Yow

Friday 13:00 - 14:30 Individual Differences, Expertise and Outcome Bias in Medical Decision Making  Aron Liaw, Matthew Brian Welsh, Hillary Copp, Benjamin Breyer

Friday 13:00 - 14:30 Novel Categories Are Distinct from "Not"-categories  Shi Xian, Liew Joseph, Larry Austerweil

Friday 13:00 - 14:30 Exploration and Exploitation Reflect System-Switching in Learning  Li Xin Lim, Sebastien Helie

Friday 13:00 - 14:30 Comparison of Chinese and Western Categorization: Based on Bayesian Model  Junyao Liu, Yilei Wang, Yingying Yin, Wenxuan Hao, Mingyi Wang, Fei Xu

Friday 13:00 - 14:30 Why Some Verbs Are Harder to Learn than Others: A Micro-Level Analysis of Everyday Learning Contexts for Early Verb Learning  Siyun Liu, Yayun Zhang, Chen Yu

Friday 13:00 - 14:30 Gestures for Self Help Learning By Creating Models  Yang Liu, Melissa Zrada, Barbara Tversky

Friday 13:00 - 14:30 The Development of Children’s Understanding of Arguments by Analogy  Nicole Simone Lobo, Zachary Horne

Friday 13:00 - 14:30 Is It Easier to Segment Words from Infant- than Adult-directed Speech? Modeling Evidence from An Ecological French Corpus  Georgia Loukatou, Marie-Thérèse Le Normand, Alejandrina Cristina

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<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 - 14:30</td>
<td>Attentional Capture: Modeling Automatic Mechanisms and Top-Down Control</td>
<td>Andrew Lovett, Will Bridewell, Paul Bello</td>
</tr>
<tr>
<td></td>
<td>Seeing the Meaning: Vision Meets Semantics in Solving Pictorial Analogy Problems</td>
<td>Hongjing Lu, Qing Liu, Nicholas Ichien, Alan Yulile, Keith Holyoak</td>
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<td></td>
<td>The Effects of Contextual Cues on the Learning of Prepositions</td>
<td>Michelle Lynn Luna, Catherine Sandhofer</td>
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<td>Statistical Learning Creates Implicit Subadditive Predictions</td>
<td>Yu Luo, Jiaying Zhao</td>
</tr>
<tr>
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<td>Deconvolving A Complex, Real-Life Task: Do Standard Lab Tasks Predict CPR Learning and Retention?</td>
<td>Sarah C. Maasii, Florian Sense, Michael Krusmark, Kevin Gluck, Hedderik van Rijn</td>
</tr>
<tr>
<td></td>
<td>EARSHT: A Minimal Network Model of Human Speech Recognition That Operates on Real Speech</td>
<td>James Magnuson, Heejo You, Jay Rueckl, Paul Allopenna, Monica Li, Sahil Luthra, Rafael J. Steiner, Monty Escabi, Kevin Brown, Rachel Theodore, Nicholas R. Monto</td>
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<td>The Contrasting Roles of Shape in Human Vision and Convolutional Neural Networks</td>
<td>Gaurav Malhotra, Jeff Bowers</td>
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<td>The Cognitive Underpinnings of Inductive Grammar Learning</td>
<td>David Martinez, Alison Tseng, Valerie Karuzis, Meredith Mislevy-Hughes, Nick Balint, Gregory J. H. Colfesh, Polly O'Rourke</td>
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<tr>
<td></td>
<td>Decisions Against Preferences</td>
<td>Michael Messeri, Kevin Reuter</td>
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<td>The Synergy of Passive and Active Learning Modes in Adaptive Perceptual Learning</td>
<td>Everett Mettler, Philip J. Kellman, Austin Phillips, Timothy Burke, Christine M. Massey, Patrick Garrigan</td>
</tr>
<tr>
<td></td>
<td>The Role of Sketch Quality and Visuo-Spatial Working Memory in Science Accuracy</td>
<td>Dana Miller-Cotto, Nicole Hallinen, Julie, L., Booth</td>
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<td>The Development of Reasoning About Abductive, Inductive and Deductive Conditionals</td>
<td>Patricia L. Mirable, Zachary Home</td>
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<td>Planning failures Induced By Budgetary Overruns Cause Intertemporal Impulsivity</td>
<td>Arjun Mitra, Narayanan Srinivasan, Nisheeth Srivastava</td>
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<td>Statistical Learning of Conjunctive Probabilities</td>
<td>Di Mo, Blair Armstrong</td>
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<td>Reward Function Complexity and Goals in Exploration-Exploitation Tasks</td>
<td>Brian Montambault, Chris Lucas</td>
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<td>Outgroup Homogeneity Bias Causes Ingroup Favoritism</td>
<td>Marcel Montry, Thomas Shultz</td>
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<td>Interactive Cognitive Modeling: Understanding and Supporting Individual Human Cognition</td>
<td>Junya Morita</td>
</tr>
<tr>
<td></td>
<td>A Picture Is Worth 7.17 Words: Learning Categories from Examples and Definitions</td>
<td>Arsenii Moskvichev, Roman Tikhonov, Mark Slayey</td>
</tr>
<tr>
<td></td>
<td>&quot;Give Me A Break&quot;: Can Brief Bouts of Physical Activity Reduce Elementary Children's Attentional failures and Improve Learning?</td>
<td>Grace Murray, Karrie Godwin</td>
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<td>Gradations in Task Engagement Emerge from Metacognitive Priority Control</td>
<td>Dominic Muscack, Paul Schrater</td>
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<tr>
<td></td>
<td>Stability-Flexibility Dilemma in Cognitive Control: A Dynamical System Perspective</td>
<td>Sebastian Musslick, Anastasia S. Bizyaeva, Shamay Agaron, Naomi E. Leonard, Jonathan Cohen</td>
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<td></td>
<td>The Effect of Alternative Outcomes on Perceived Counterfactual Closeness</td>
<td>Matthew Ross Myers, Lance Rips</td>
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<td>Do Round Numbers Always Become Reference Points?: An Examination of Japanese and Major League Baseball Data</td>
<td>Kuninori Nakamura</td>
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<td></td>
<td>Effects of Implicit Processes on Conversion from a Sub-optimal to an Optimal Solution</td>
<td>Yuki Ninomiya, Hitoshi Terai, Kazuhisa Miwa</td>
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<td></td>
<td>The Influence of Mental fatigue on Delay Discounting</td>
<td>Samuel A. Nordli, Peter M. Todd</td>
</tr>
<tr>
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<td>To Be or Not To Be: Examining the Role of Language in a Concept of Negation</td>
<td>Ann E. Nordmeyer, Jill de Villers</td>
</tr>
<tr>
<td></td>
<td>Thinking Counterfactually Supports Children's Ability to Conduct a Controlled Test of an Hypothesis</td>
<td>Angela Nyhout, Alana Iannuzziello, Caren M. Walker, Patricia Ganea</td>
</tr>
<tr>
<td></td>
<td>Learning Preferences as an Index of Individual Differences in Cognitive Flexibility</td>
<td>Hayley O'Donnell, Evangelia G. Chrysikou</td>
</tr>
<tr>
<td></td>
<td>Learning the Proportional Nature of Probability from Feedback</td>
<td>Shaun O'Grady, Geoffrey Saxe, Fei Xu</td>
</tr>
<tr>
<td></td>
<td>Shift of Probability Weighting By Joint and Separate Evaluations: Analyses of Cognitive Processes Based on Behavioral Experiment and Cognitive Modeling</td>
<td>Yutarou Onuki, Hidehito Honda, Toshihiko Matsuoka, Kazuhiro Ueda</td>
</tr>
</tbody>
</table>
Modeling Intuitive Teaching as Sequential Decision Making Under Uncertainty
Pamela Joy, Osborn Popp, Todd M. Gureckis

How Different Metaphor Styles Impact on Creativity of the Poetry Receivers?
Malgorzata Osowiecka, Alina Kolanyczyn

Does Expressive Writing About Negative Emotions Influence Divergent Thinking?
Malgorzata Osowiecka, Radoslaw Sterczynski

Interference in Language Processing Reflects Direct-Access Memory Retrieval: Evidence from Drift-Diffusion Modeling
Dan Parker, Adam An

Interpreting Metaphors in Real-time: Cross-modal Evidence for Exhaustive Access
Iola Kay Patalas, Roberto G. de Almeida

Five Aspects of Compositionality and A Universal Principle
Steven Phillips

Scheduling an Information Search: Heuristics and Meaningful Metrics
Toby D. Pilditch, Alice Liefgreen

Mental Simulation: A Cognitive Linguistic Approach to Language Teaching
Laura Pissani

Egocentric Tendencies in Theory of Mind Reasoning: An Empirical and Computational Analysis
Jan Poppell, Stefan Kopp

A Round Bouba Is Easier to Remember than A Curved Kiki: Sound-symbolism Can Support Associative Memory
Marie Poirier, René-Pierre Sonier, Dominic Guiltard, Jean Saint-Aubin

Visual Exploration of Emotional Scenes in Aging during A Free Visualization Task Depending on Arousal Level of Scenes
Elie Porcet, Nicolas Gaëlle, Nathalie Guyader, Eleni Moro, Aurélie Campagne

How Much Harder Are Hard Garden-path Sentences than Easy Ones?
Grusha Prasad, Tal Linzen

Proposing a Cognitive System for Universal Mental Spatial Transformations
Kai Preuss, Nele Ruswinkel

Crowdsourcing Effective Educational Interventions
John Hunter Priniski, Zachary Horne

A Piecemeal Processing Strategy Model for Causal-Based Categorization
Guillermo Puebla, Sergio E. Chaigneau

Inferring Structured Visual Concepts from Minimal Data
Peng Qian, Luke Hewitt, Josh Tenenbaum, Roger Levy

Children’s Sentential Complement Use Leads the Theory of Mind Development Period: Evidence from the CHILDES Corpus
Irina Rabkina, Constantine Nakos, Ken Forbus

Cue Validity, Feature Salience, and the Development of Inductive Inference
Robert Ralston, Vladimir Sloutsky

The Design of the Learning Environment Shapes Preschoolers’ Causal Inference
Alexandra Rett, Elizabeth Bonawitz, Caren M. Walker

Geometric Significance of Topological Neighborhood in Standard and Oscillating SOM Models
Spyridon Revithis

Socio-economic Related Differences in the Use of Variation Sets in Naturalistic Child Directed Speech: A Study with Argentinian Population
Celia R. Rosenberg, Florencia Alam, Leandro Garber, Alejandra Stein, Maia Juleta Migdalek

Assessing the Role of Matching Bias in Reasoning with Disjunctions
Matias Sablé-Meyer, Salvador Mascarenhas

Reducing Smartphone Overuse Through Behavioural Nudges
Dasha A. Sandra, Jay A. Olson, Denis Chmouleivitch, Signy Sheldon, Amir Raz, Samuel Veissière

Are Cross-Linguistically Frequent Semantic Systems Easier to Learn? The Case of Evidentiality
Dionysia Saratsli, Stefan Bartell, Anna Papafragou

Not All Exceptions Are the Same: Different Memory Demands for Differentiation, Isolation and Odd-ball Exceptions
Olivera Savic, Nathaniel J. Blanco, Vladimir Sloutsky

The Posterior Probability of A Null Hypothesis Given A Statistically Significant Result
Daniel J. Schad, Shravan Vasishth

Spatial Preferences in Everyday Activities
Holger Schultheis

Using Eye-tracking to Examine the Role of Fluency in the Number Line Placement Task
Samantha Schwarz, Jennifer Asmuth

The Visual Representation of Abstract Verbs: Merging Verb Classification with Iconicity in Sign Language
Simone Scicluna, Carlo Strapparava

How Does A Doll Play Affect Socio-emotional Development in Children?: Evidence from Behavioral and Neuroimaging Measures
Kazuki Sekine, Eriko Yamamoto, Saeka Miyahara, Yasuyo Minagawa
Learning and Production in the Explanation of Regularization Behaviour: A Computational Model
Abigail Toth, Monique Charest, Jacolien van Rij, Juhani Järvikivi

Introducing Quantitative Cognitive Analysis: Ubiquitous Reproduction, Cognitive Diversity and Creativity
Cameron Shackell, Peter Bruza

Symmetry: Low-level Visual Feature or Abstract Relation?
Ruxue Shao, Dedre, Gentner

Mathematical Creativity: Incubation, Serial Order Effect, and Relation to Divergent Thinking
Stacy Shaw, Gerardo Ramirez

Is An Over-polite Compliment Worse than An Impolite Insult?: Pragmatic Effects of Non-normative Politeness in Korean
Hyaeong Shin, Gabriel Doyle

Contextual Determinants of Adjective Order: Beyond "Itsy Bitsy Teeny Weeny Yellow Polka Dot Bikini"
Anastasia Smirnova, Alexander Lenarsky, Ricardo Romero Sanchez

Introducing Recursive Linear Classification (RELIC) for Machine Learning
Sean Snoddy, Kenneth Kurtz

A Cognitive Modeling Approach for Predicting Behavioral and Physiological Workload Indicators
Christopher Stevens, Megan B. Morris, Christopher Fisher, Christopher Myers

Using Eye Gaze Data to Examine the Flexibility of Resource Allocation in Visual Working Memory
Edmond Stewart, Chris Donkin, Mike Le Pelley

Effects of Instructor Presence in Video Lectures: Rapport, Attention, and Learning
Andrew T. Stull, Logan Fiorella, Rebecca Similuk, Stevi G. Ibonie, Richard Mayer

Eye Movement Assessment in High and Low Social Anxiety Individuals: An Eye-Tracker Study
Wei-Ling Su, Min-Hsien Wu, Po-Yi Chi, Hua Feng, Tse-Ming Chen, Chia-Hua, Chang Ting-Hsuan Chang, Jon-Fan Hu

Event Perception Differs Across Cultures
Khena Swallow, Qi Wang

A Re-examination of the Interrelationships Between Attention, Eye Behavior, and Creative Thought
Shadab Tabatabaeeian, Colin Holbrook, Carolyn Dicey Jennings

A Generalization Becomes Suppressed Over Time in the Context of Exceptions
Karina Tachihara, Kenneth Norman, Nicholas Turk-Browne, Adele Goldberg

What Strategies Do Adults Use to Solve Fraction Arithmetic Problems?
Shawn Tan, Jo-Anne LeFevre

Utilizing Eye-tracking to Explain Variation in Response to Inconsistent Message on Belief Change in False Rumor
Yuko Tanaka, Miwa Inuzuka, Rumi Hirayama

Predicting the Appreciation of Multimodal Advertisements
Serra Sinem Tekiroglu, Carlo Strapparava, Gözde Özbal

Children’s Causal Inferences About Past Vs. Future Events
Katharine A. Tillman, Caren M. Walker

Explanation Versus Prediction: Statistical Differences in Detecting Fraudulent Events Do Not Necessarily Have Predictive Power
Angelica M. Tang, Weimoed Kuperus, Maira B. Carvalho, Max M. Louwerse

Applying the Visual World Paradigm in the Investigation of Preschoolers’ Online Reference Processing in A Naturalistic Discourse
Abigail Toth, Monique Charest, Jacolien van Rij, Juhani Järvikivi

Top-down Information Is More Important in Noisy Situations: Exploring the Role of Pragmatic, Semantic, and Syntactic Information in Language Processing
Fabio Trecca, Kristian Tylev, Riccardo Fusaroli, Christer Johansson, Morten H. Christiansen

Sub-morphemic form-meaning Systematicity: The Impact of Onset Phonemes on Word Concreteness
Sean Trot, Arturs Semenuks, Benjamin Bergen

When Is a Visual Perceptual Deficit More Holistic but Less Right-lateralized? The Case of High-school Students with Dyslexia in Chinese
Ricky Van-yip Tso, Ronald Chan, Janet Hsiao

The Role of Sensorimotor and Linguistic Information in the Basic-Level advantage
Rens van Hoef, Louise Connel, Dermot Lyncott

Analyzing Performance Differences in Artists and Engineers: An RPM Study
Sravya Vatsavayi, Priyanka Silvastava, Kavita Vemuri

The Importance of Explanations in Guided Science Activities
Vaunam Venkadasalatam, Nicole Lansen, Patricia Ganea

Both Thematic Role and Next-mention Biases Affect Pronoun Use in Dutch
Jorrig Vogels

Cognitive Abilities to Explain Individual Variation in the Interpretation of Complex Sentences by Older Adults
Margreet Vogelzang, Christiane M. Thiel, Stephanie Rosemann, Jochem, Rieger, Esther Ruigendijk

Achievement Goals and Mental Arithmetic: The Role of Distributed Cognition
Anna-Stiina Wallinheimo, Adrian Banks, Harriet Tenenbaum

Children with Immature Intuitive Theories Seek Domain-relevant Information
Jinjing (Jenny) Wang, Yang Yang, Carla Macias, Elizabeth Bonawitz

Language in Math Problem Solving
Renée E. Whitaker, Chang Xu, Jo-Anne LeFevre, Helena P. Osana, Jill Turner, Heather Douglas, Anne Lafay
Friday 13:00 - 14:30 Detecting Presupposition Failure with EEG  Alice Xia, Roxana-Maria Barbu, Kathleen Van Benthem, Daniel A. Di Giovanni, Ida Toivonen, Raj Singh

Friday 13:00 - 14:30 Evaluating Levels of Emotional Contagion with an Embodied Conversational Agent  Ozge Nilay Yalcin, Steve DiPaola

Friday 13:00 - 14:30 A Perspective-change Based Account of Creativity Evaluation: An Investigation in Smile Assessments  Shiyu Yang, Jeffrey Loewenstein

Friday 13:00 - 14:30 Demonstrative "This" and Hand Pointing Can Promote Socio-Centric Interpretations About Invisible Objects  Tetsuya Yasuda, Kei Kashiwadate, Harumi Kobayashi

Friday 13:00 - 14:30 The Effect for Category Learning on Recognition Memory: A Signal Detection Theory Analysis  Siyuan Yin, Kevin O'Neill, Timothy F. Brady, Felipe DeBrigard

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Friday 13:00 - 14:30 Crossmodal Spatial Mappings as a Function of Online Relational Analyses?  Yordanka Zafirova, Yolina Petrova, Georgi Petkov
Saturday 13:00 - 14:30  A Formalization of Cognitive Continuity/Discontinuity, to Settle the Darwin’s-Mistake Debate
Selmer Bringsjord, Naveen Sundar, Govindaraju Ahlyaa Sen, Christina EImore

Saturday 13:00 - 14:30  When Do People Use Containment Heuristics for Physical Predictions?
Erik Brockbank, Ed Vul, Kevin A. Smith

Saturday 13:00 - 14:30  Simplicity and Probability in Human Judgment
Tyler Brooke-Wilson, Jonathan S. Rosenfeld, Matthias Hofer, Junyi Chu, Josh Tenenbaum

Saturday 13:00 - 14:30  Task Characteristics and Individual Differences in Judgments of Relative Direction
Heather Burte

Saturday 13:00 - 14:30  Origins of Cross-domain Asymmetries
Daniel Casasanto, Yağmur Deniz Kisa

Saturday 13:00 - 14:30  Executive Functions in Aging: An Experimental and Computational Study of the Wisconsin Card Sorting Task
Andrea Caso, Richard P. Cooper

Saturday 13:00 - 14:30  Math Ability Varies Independently of Number Estimation in the Tsimané
Lin Khem A. Chia, Jon Wills

Saturday 13:00 - 14:30  L2 Learners’ Phonemic Sensitivity: MMN & L2 Proficiency
Jeongwha Cho, Sun-Young Lee, Mijung Sung, Ki-Chun Nam, Hyeon-Ae Jeon, Youngjo Kim

Saturday 13:00 - 14:30  Problem Difficulty in Arithmetic Cognition: Humans and Connectionist Models
Sungjae Cho, Jaeseo Lim, Chris Hickey, Byoung-Tak Zhang

Saturday 13:00 - 14:30  Observing Child-led Exploration Improves Parents’ Causal Inferences
Koeun Choi, Milagros Grados, Elizabeth Bonawitz

Saturday 13:00 - 14:30  Query-guided Visual Search
Junyi Chu, Jon Gauthier, Roger Levy, Josh Tenenbaum, Laura Schulz

Saturday 13:00 - 14:30  Epistemic Drive and Memory Manipulations in Explore-exploit Problems
Nicolas Collignon, Chris Lucas

Saturday 13:00 - 14:30  Integrating Methods to Improve Model-based Performance Prediction
Michael Gordon Collins, Kevin Gluck

Saturday 13:00 - 14:30  Go Big and Go Grounded: Categorical Structure Emerges Spontaneously From the Latent Structure of Sensorimotor Experience
Louise Connell, James Brand, James Carney, Marc Broybaert, Dermot Lynott

Saturday 13:00 - 14:30  Kinematic Specification of Intention in Full-body Motion
Sierra F. Corbin, Charles H. Moore, Gaurav Patil, Lillian Rigoli, Kevin Shockey, Tehran Davis, Tamara Lorenz

Saturday 13:00 - 14:30  Compositional Subgoal Representations
Carlos Giovanni Correa, Frederick Callaway, Mark K Ho, Tom Griffiths

Saturday 13:00 - 14:30  Working Memory and Co-Speech Iconic Gestures
Seana Coulson, Ying Choon Wu

Saturday 13:00 - 14:30  Efficiency of Learning in Experience-Limited Domains: Generalization Beyond the Wug Test
Christopher R. Cox, Matthew Cooper Borkenhagen, Mark Seidenberg

Saturday 13:00 - 14:30  Magnitude Comparisons of Discounted Prices: Are They Similar to Fractions?
Lucy Cui, Zili Liu

Saturday 13:00 - 14:30  Magnitude Processing of Improper Fractions When Comparing Bundle Deals
Lucy Cui, Zili Liu

Saturday 13:00 - 14:30  Pupillometry as A Measure of Effort Exertion in Cognitive Control Tasks
Kevin da Silva-Castanheira, Myes LdParco, A. Ross Otto

Saturday 13:00 - 14:30  Contextual Effects in Value-Based Decision Making: A Resource-Rational Mechanistic Account
Kevin da Silva-Castanheira, Ardavan S. Nobandegani, Thomas Shultz, A. Ross Otto

Saturday 13:00 - 14:30  Towards building AI life-coach Agent for Honing Creativity
Amaranth Dasaka, Preeti S. Bapiraju Surampudi

Saturday 13:00 - 14:30  Category-Specific Verb-Semantic Naming Deficit in Alzheimer’s Disease: Evidence from A Dynamic Action Naming Task
Roberto G. de Almeida, Forouzan Mabayen, Eva Kehayia, Caitlyn Antal, Vasavan Naïr, George Schwartz

Saturday 13:00 - 14:30  Rapid Learning of Word Meanings from Distributional and Morpho-syntactic Cues
Margherita De Luca, Gary Lupyan

Saturday 13:00 - 14:30  What Is “A Good Question Ask” Better At? From No Generalization, to Overgeneralization, to Adult-like Selectivity Across Childhood
Costanza De Simone, Azzurra Ruggeri

Saturday 13:00 - 14:30  Distinguishing Two Types of Prior Knowledge That Support Novice Learners
Anita Delahay, Marsha Lovett

Saturday 13:00 - 14:30  Parents’ Linguistic Alignment Predicts Children’s Language Development
Joseph Denby, Dan Yurovsky

Saturday 13:00 - 14:30  Nested Sets and Natural Frequencies
Stephen H. Dewitt, Anne Hsu, David Lagnado, Saoirse Connor Desal, Norman Fenton

Saturday 13:00 - 14:30  Linguistic Descriptions of Action Influence Object Perception: The Role of Action Readiness
Victoria DiRubba, Tommy Anderson, Alexia Toskos Dils
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:00 - 14:30</td>
<td>Human-level But Not Human-like: Deep Reinforcement Learning in the Dark</td>
<td>Rachit Dubey, Pulkit Agrawal, Deepak Pathak, Alyosha Efros, Tom Griffiths</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Lying in Public: Revealing the Microstructure of Real-time False Responding Through Action Dynamics</td>
<td>Nicholas D. Duran, Denis O'Hara, Sam Redfern, Arkady Zgonnikov</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Dark Side of Conceptual Metaphor</td>
<td>Frank Dungin, Jessica Lewis</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Role of Affect in Sentence Perception</td>
<td>Veena Dhar Dwivedi</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>How Can I Help? Developmental Change in the Selectivity of Two to four-year-olds' Attempts to Alleviate Others' Distress</td>
<td>Regina N. Ebo, Laura Schulz</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Do Humans Look Where Deep Convolutional Networks “Attend”?</td>
<td>Mohammad K. Ebrahimpour, James Benjamin Falandayans, Samuel Spevack, David C. Noelle</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Domestic Dog Understanding of Containment and Occlusion Events</td>
<td>Julia Espinosa, Daphna Buchsbaum</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Beyond Divergent Thinking: Measuring Creative Process and Achievement in Young Children</td>
<td>Natalie Evans</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>An Experimental Protocol to Derive and Validate A Quantum Model of Decision-Making</td>
<td>Lauren E. Fell, Shahram Dehdashti, Peter Bruza, Catarina Moreira</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Exploring the Use of Overhypotheses By Children and Capuchin Monkeys</td>
<td>Eiks Felsche, Patience Stevens, Christoph Voelter, Daphna Buchsbaum, Amanda Seed</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Toddlers Recognize Multiple Polysemous Meanings and Use Them to Infer additional Meanings</td>
<td>Sammy Floyd, Adele Goldberg, Casey Lew-Williams</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Continuous Development Change Can Explain Discontinuities in Word Learning</td>
<td>Abdelrah Fourtassi, Sophie Regan, Michael C. Frank</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Language Stability and Change in Age-dependent Networks</td>
<td>Stella Frank, Kenny Smith</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Extracting and Utilizing Abstract, Structured Representations for Analogy</td>
<td>Steven Frankland, Taylor Webb, Alexander Alexandrov Petrov, Randall C. O'Reily, Jonathan Cohen</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Stream of Spatial Information: Spanning the Space of Spatial Relational Models</td>
<td>Paulina Friemann, Jelica Nejasnic, Marco Ragni</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Investigating the Factorial Structure of Widespread False Beliefs</td>
<td>Vincent Frigo, Timothy T. Rogers</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>A Rational Model of Syntactic Bootstrapping</td>
<td>Jon Gauthier, Roger Levy, Josh Tenerbaum</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Inflated Inflation and Superseded Supersession: Testing Counterfactual Sampling Accounts of Causal Strength Judgments</td>
<td>Maureen Gill, Jonathan F. Kominsky, Joshua Knobe, Thomas Icard</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Book Design, Attention, and Reading Performance: Current Practices and Opportunities for Optimization</td>
<td>Karrie Godwin, Cassondra M. Eng, Grace Murray, Anna Fisher</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Spatial-Numeric Associations Distort Estimates of Causal Strength</td>
<td>Kelly Goedert, Daniel W. Czarowski</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Can Children Develop Novel Tools to Solve Problems Via Analogical Generalization? Kind Of!</td>
<td>Micah Goldwater</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Effects of Induced Affective States on Decisions Under Risk with Mixed Domain Problems</td>
<td>Rui Gong, James E. Corter</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Language Facilitates 2.5-year-olds' Reasoning by the Disjunctive Syllogism</td>
<td>Myrto Grigoroglou, Sharon Chan, Patricia Ganea</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Demonstrating the Impact of Prior Knowledge in Risky Choice</td>
<td>Mathew Hardy, Tom Griffiths</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Investigating Sound and Structure in Concert: A Pupilometry Study of Relative Clause Attachment</td>
<td>Jesse Harris, Alexandra Law, Marju Kaps</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Kind Representations and the Creative Use of Language</td>
<td>Paul Haward</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>What Are You Talking About? A Cognitive Task Analysis of How Specificity in Communication Facilitates Shared Perspective in A Confusing Collaboration Task</td>
<td>Yugo Hayashi, Ken Koedinger</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Norms and the Meaning of Omissive Enabling Conditions</td>
<td>Paul Henne, Paul Bello, Sangeet Khemlani, Felipe DeBrigard</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Grammatical Generalisation in Statistical Learning: Is It Implicit and Invariant Across Development?</td>
<td>Amanda Jayne Hickey, Emma Hayiou-Thomas, Jelena Mirković</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>The Computational Structure of Unintentional Meaning</td>
<td>Mark K. Ho, Joanna Korman, Tom Griffiths</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Emotion Attributions Echo the Structure of People's Intuitive Theory of Psychology</td>
<td>Sean Dae Houlihan, Max Kleiman-Weiner, Josh Tenerbaum, Rebecca Saxe</td>
</tr>
</tbody>
</table>
Saturday 13:00 - 14:30  
**A Model-Based Investigating of the Biological Origin of Human Social Perception of Faces**  
Jingya Huang, Jianling Liu, Dalin Guo, Chaitanya K. Ryali, Jinyan Guan, Angela Yu

Saturday 13:00 - 14:30  
**Examining Prefrontal Cortex Contributions to Creative Problem Solving with Noninvasive Electric Brain Stimulation**  
Kent F. Hubert, Evangelia G. Chrysikou

Saturday 13:00 - 14:30  
**Examining the Association Between Elementary Students’ Lexico-syntactic Writing Features and Cognitive-motivational Profiles Using Natural Language Processing**  
Melissa, R. Hunte, Christine Barron, Jeanne Sinclair, Hyunah Kim, Samantha McCormick, Megan Vincett, Eunhee Eunice, Jang Ji Soo Lim

Saturday 13:00 - 14:30  
**Does Motor Engagement Influence Memory for STEM Abstract Concepts?**  
Constanza Jacial, Evangelia G. Chrysikou

Saturday 13:00 - 14:30  
**Confirmation Bias Trumps Performance Optimization in Overt Active Learning**  
Yul HR Kang, Daniel Wolpert, Mate Lengyel

Saturday 13:00 - 14:30  
**The Consistency of Durative Relations**  
Laura J. Kelly, Sangeet Khemlani

Saturday 13:00 - 14:30  
**Measuring Selective Sustained Attention in Children with Trackit and Eyetracking**  
Josef Klafka, Dan Yurovsky

Saturday 13:00 - 14:30  
**Information Distribution Depends on Language-Specific Features**  
Brent Komer, Terrence C. Stewart, Aaron R. Voelker, Chris Eliasmith

Saturday 13:00 - 14:30  
**Automated Cognitive Modeling with Bayesian Active Model Selection**  
Vishal Lall, Jordan Suchow, Gustavo Malkomes, Tom Griffiths

Saturday 13:00 - 14:30  
**Using Interpersonal Movement Coordination to Investigate Gender Differences in Adults with Autism**  
Nida Latif, Cynthia Di Francesco, Aparna Nadig

Saturday 13:00 - 14:30  
**Belief Dynamics Extraction**  
Arun Kumar, Zhengwei Wu, Xaq Pitkow, Paul Schrater

Saturday 13:00 - 14:30  
**Uncertain Evidence Statements and Guilt Perception in Iterative Reproductions of Crime Stories**  
Elsa Kreiss, Michael Franke, Judith Degen

Saturday 13:00 - 14:30  
**Visual, Auditory, and Temporal Sensorimotor Discrimination Abilities and Their Relationships with Complex Cognition**  
Bartłomiej Kroczek, Jan Jastrzebski, Michał Ociepka, Hanna Kucwaj, Adam Chuderski

Saturday 13:00 - 14:30  
**Modal Concepts: Developing Thoughts of the Possible and the Impossible**  
Brian Leahy, Susan Carey

Saturday 13:00 - 14:30  
**A Neural Representation of Continuous Space Using Fractional Binding**  
Maithilee Kunda

Saturday 13:00 - 14:30  
**Brain Responses to Verbal Mismatches and Case Marking Mismatches: Adolescents vs. Adults**  
Sun-Young Lee, Jinhee Jeong, Eun Kyoung Lee, Ha-A-Yan Jang, Sook Whan Cho

Saturday 13:00 - 14:30  
**Different Frames of Players and Their Empathy as Motive of Prosocial Behavior in Digital Games**  
Zhiwei Li, Kai Ren

Saturday 13:00 - 14:30  
**Causal Structure and Probability Information Modulate the Preference for Simple Explanations**  
Emily G. Liquin, Tania Lombrizo

Saturday 13:00 - 14:30  
**Inferring the Social Meaning of Objects with Intuitive Physics and Theory of Mind**  
Michael Lopez-Brau, Julian Jara-Ettinger

Saturday 13:00 - 14:30  
**Generalizing Functions in Sparse Domains**  
Zhiwei Li, Neil R. Bramley, Todd M. Gureckis

Saturday 13:00 - 14:30  
**Discovering A Symbolic Planning Language from Continuous Experience**  
João Loula, Tom Silver, Kelsey R. Allen, Josh Tenenbaum

Saturday 13:00 - 14:30  
**Modeling Practice-related Reaction Time Speedup Using Hierarchical Bayesian Methods: Evidence for A Process-shift Account**  
Jarrett Lovelett, Ed Vul, Tim C. Rickard
Saturday 13:00 - 14:30 The Role of Effector Physicality and Risk Perception in Virtual Environments
Shulan Lu, Derek Harter, Gang Wu, Pratyush Kotturu

Saturday 13:00 - 14:30 Representing Spatial Relations with Fractional Binding
Thomas Lu, Aaron R. Voelker, BrentKommer, Chris Elasmsith

Saturday 13:00 - 14:30 Source Reliability and the Continued Influence Effect of Misinformation: A Bayesian Network Approach
Jens Koed Madsen, Saoirse Connor Desai, Toby D. Pilditch

Saturday 13:00 - 14:30 Controlling Automobiles during Unconsciousness of the Driver Using Brainwaves
Nilakshi Mahanta

Saturday 13:00 - 14:30 Emergence of Collective Cooperation and Networks from Selfish-Trust and Selfish-Connections
Korosh Mahmoodi, Cleotilde Gonzalez

Saturday 13:00 - 14:30 Testing Human Use of Probability in A Visuo-motor Conjunction Task
Laurence T. Maloney, Jinsoo Kim, Keiji Ota

Saturday 13:00 - 14:30 Effects of Blindfolding on Verbal and Gestural Expression of Path in Auditory Motion Events
Ezgi Mamus, Lilia Rissman, Asifa Majid, Asli Özyürek

Saturday 13:00 - 14:30 The Influence of Implicit Normative Commitments in Decision-Making
Alexia Martinez, Eugenia Gorlin, Tania Lombrozo

Saturday 13:00 - 14:30 Spatial Representations of Symbolic Fractions and Nonsymbolic Ratios: SNARC Effect and Number Line Estimation
Rui Meng, Percival Matthews

Saturday 13:00 - 14:30 Leveraging Thinking to Facilitate Causal Learning from Intervention
Yuan Meng, Fei Xu

Saturday 13:00 - 14:30 Interlocutors Preserve Complexity in Language
Madeline Meyers, Dan Yurovsky

Saturday 13:00 - 14:30 Quality of STEM Learning from Children’s Books
Hilary Miller, Lucy Cronin-Golomb, Patricia J. Bauer

Saturday 13:00 - 14:30 Comparing Unsupervised Speech Learning Directly to Human Performance in Speech Perception
Juliette Millet, Nika Jurov, Ewan Dunbar

Saturday 13:00 - 14:30 What’s in the Adaptive Toolbox and How Do People Choose From It? Rational Models of Strategy Selection in Risky Choice
Florian Mohrnet, Thorsten Pachur, Falk Lieder

Saturday 13:00 - 14:30 Pressure to Communicate Across Knowledge Asymmetries Leads to Pedagogically Supportive Language Input
Benjamin C. Morris, Dan Yurovsky

Saturday 13:00 - 14:30 Lexical Iconicity facilitates Word Learning in Situated and Displaced Learning Contexts
Yasamin Motamed, Elizabeth Wonnacott, Chloe Marshall, Pamela Perniss, Gabriella Vigliocco

Saturday 13:00 - 14:30 Learning with An Algebra Computer Tutor: What Type of Hint Is Best?
Kyle Sale, Kasia Muldner

Saturday 13:00 - 14:30 Decomposing Individual Differences in Cognitive Control: A Model-Based Approach
Sebastian Musslick, Jonathan Cohen, Amitai Shenharv

Saturday 13:00 - 14:30 Neighborhood in Decay: Working Memory Modulates Effect of Phonological Similarity on Lexical Access
Karl David Neergaard, James Britton, Chu-Ren Huang

Saturday 13:00 - 14:30 On Falsification and Optimal Experimental Design Approaches to the Value of Information
Jonathan D. Nelson, Vincenzo Crupi, Flavia Filimon, Garrison W. Cottrell

Saturday 13:00 - 14:30 Why Do You Take That Route?
Almiré Nibijiang, Supratik Mukhopadhyay, Sanaz Saedí, Yimin Zhu, Ravindra Gudishala, Qun Liu

Saturday 13:00 - 14:30 Investigating the Intrinsic Integration Hypothesis for the Design of Game-Based Learning Activities
Graeme Nidd, Kasia Muldner

Saturday 13:00 - 14:30 Decaying Order to the Cognitive Fallacy Zoo
Ardavan S. Nobandegani, William Campoli, Thomas Shultz

Saturday 13:00 - 14:30 On Robustness: An Undervalued Dimension of Human Rationality
Ardavan S. Nobandegani, Kevin da Silva-Castanheira, Timothy O’Donnell, Thomas Shultz

Saturday 13:00 - 14:30 Decoy Effect and Violation of Betweenness in Risky Decision Making: A Resource-Rational Mechanistic Account
Ardavan S. Nobandegani, Kevin da Silva-Castanheira, Thomas Shultz, A. Ross Otto

Saturday 13:00 - 14:30 Neural Network Modeling of Learning to Actively Learn
Lie Yu, Ardavan S. Nobandegani, Thomas Shultz

Saturday 13:00 - 14:30 Neural Substrates Mediating the Utility of Instrumental Divergence
Kaitlyn G. Norton, Mimi Liljeholm

Saturday 13:00 - 14:30 1.9 Million Hits and Counting: An Investigation of the Cognitive Alignment of Hundred Boards for Subtraction Thinking
Julie Nürnberger-Haag, Karrie Godwin, Rachael D. Todaro

Saturday 13:00 - 14:30 An Engineered Approach: Examining the Role of Child-directed Speech with Automatic Speech Recognition and Network Activities
Erick Oduniyi, Rebekah M. Manweiler, Jonathan Brumberg

Saturday 13:00 - 14:30 Testing Accuracy, Additivity, and Sufficiency of Human Use of Probability Density Information in A Visuo-Cognitive Task
Keiji Ota, Jakob Phillips, Laurence T. Maloney

Saturday 13:00 - 14:30 Is Font Type and General Recommendation Really Playing Role in Dyslexic Comfortable Reading?
Tereza Pafišová, Bruno Múžik
Family Resemblance in Unsupervised Categorization: A Dissociation Between Production and Evaluation
John Patterson, Sean Snoddy, Kenneth Kurtz

Semi-supervised Learning with 2D Categories
John Patterson, Kenneth Kurtz

Subjective Randomness in A Non-cooperative Game
Michael Payton, Jeffrey Zemla Joseph, Larry Austerweil

Modelling Mental Imagery in the ACT-R Cognitive Architecture
David Peebles

Age-Related Differences in the Influence of Category Expectations on Episodic Memory in Early Childhood
Kimle Perusaud, Carla Macias, Pernille Hemmer, Elizabeth Bonawitz

Ordinality Trumps Cardinality: What We Spatialize When We Spatialize Numbers
Benjamin Pitt, Daniel Casasanto

The Diagram Disconnect: An Examination of Note-Taking Behaviors in College Students
Blaire Morgan Porter, Julia Wilson, Hilary Miller, Patricia J. Bauer

Working Memory, Strategy, and Distraction on GF Tasks
Megan Raden, Andrew F. Jarosz

When Does A Reasoner Respond: Nothing Follows?
Marco Ragni, Hannah Dames, Daniel Brand, Nicolas Oliver Riesterer

Individual Spatial Reasoning Skills Support Different Kinds of Physics Tasks
Ilyse Resnick, Daniel Jackson

"I Never Even Considered That!": Investigating Explanations for Adults' Failures to Learn Conjunctive Causal Rules
Alexandra Rett, Elizabeth Bonawitz, Koeun Choi, Caren M. Walker

Distinguishing the Phenomenal from the Cognitive: An Empirical Investigation Into the Folk Concepts of Emotions
Kevin Reuter, Rodrigo Díaz

You Must Know Something I Don't: Risky Behavior Implies Privileged Information
Emory Richardson, Julian Jara-Ettinger

Agency Drives Category Structure in Instrumental Events
Lila Rissman, Asifa Majid

Auditory Stimuli Disrupt Visual Detection in A Visuospatial Task
Chris Robinson, Dylan Scott Laughery

Modelling Semantics by Integrating Linguistic, Visual and Affective Information
Armand Rotaru, Gabriella Vigliocco

Learning A Novel Rule-based Conceptual System
Joshua S. Rule, Josh Tenenbaum, Steven Piantadosi

The Price of Good Intentions
Arunima Sarin, Fiery Cushman

Rapid Semantic Integration of Novel Words Following Exposure to Distributional Regularities
Oliviera Savic, Layla Unger, Vladimir Sloutsky

Technology-Based Cognitive Enrichment for Animals in Zoos: A Case Study and Lessons Learned
Benjamin J. Scheer, Fidel Cano Renteria, Maithilee Kunda

How to find Axioms for finite Domains: A Computational Exploration of Mathematical Discovery
Gordon Krieger, Dirk Schlimm

Exploring the Space of Human Exploration Using Entropy Mastermind
Lara Bertram, Matthias Hofer, Jonathan D. Nelson

On the Purpose of Ambiguous Utterances
Gregory Scontras, Asya Achimova, Christian Stegemann, Martin V. Butz

A Smile Goes A Long Way: Exploring the Effect of Culture, Weather, and Connectedness on Smile Diffusion with an Agent-based Model
Victoria Scotney, Fabian Cid Yanez, Joshua Cooper, Liane Gabora

Associations Versus Propositions in Memory for Sentences
Kevin D. Shabahang Hyungwook Yin, Simon J. Dennis

Instructions to Incorporate Music Themes Into A Haiku Increases Perceived Creativity of the Haiku
Cynthia Sifonis, Paul S. Sullivan

Complex Exploration Dynamics from Simple Heuristics in A Collective Learning Environment
Sabina Johanna Sloman, Robert Goldstone, Cleotilde Gonzalez

Adult Prediction Error Processing Is Associated with Vocabulary Size
Katherine D. Snelling, Stanka A. Fitneva

It's Alive! Animate Sources Produce Mnemonic Benefits
Sean Snoddy, Joseph Clarence Wilson, Daniel Silliman, Kenneth J. Houghton, Deanne Westerman

The Director Task Fails to Differentiate Young Adult Theory of Mind Abilities: An IRT Analysis
Mikhail Sokolov, John Logan

Compositionality in Emerging Multi-agent Languages: Marrying Language Evolution and Natural Language Processing
Kees Sommer, Jae Peris, Anna Bisazza, Tessa Verhoef
Processing of Affirmation and Negation in Contexts with Unique and Multiple Alternatives: Evidence from Event-related Potentials  
Maria Spychalska, Viviana Haase, Jarmo Kontinen, Markus Werning

Children's Generalization of Novel Object Names in Comparison Contexts: An Eye Tracking Analysis  
Ella Stansbury, Arnaud Witt, Jean-Pierre Thibaut

A Geometric Interpretation of Feedback Alignment  
Andreas Stöckel, Terrence C. Stewart, Chris Elaismith

Learning to Calibrate Age Estimates  
Jordan Suchow

It's Not the Treasure, It's the Hunt: Children Are More Explorative on An Explore/exploit Task than Adults  
Emily Sumner, Mark Steyvers, Barbara W. Sarnecka

Bayesian Inference of Social Norms as Shared Constraints on Behavior  
Zhi-Xuan Tan, Desmond Ong

Incorporating Semantic Constraints Into Algorithms for Unsupervised Learning of Morphology  
Abi Tenenbaum, Roger Levy

Sequential Diagnostic Reasoning with Independent Causes  
Marko Tesic, Ulrike Hahn

Incremental Understanding of Conjunctive Generic Sentences  
Michael Henry Tessler, Karen Gu, Roger Levy

Using Big Data to Understand Memory and Future Thinking  
Robert Thorstad, Phillip Wolff

Emergent Compositionality in Signaling Games  
Nicholas Tomlin, Ellie Pavlick

Be Timely: When Gaps Are More than Symptoms  
John Michael Tomlinson, Jr.

The Scaffolding of Inferential Reasoning: Intuitive Analysis of Variance  
David L. Trumperow, Nicolas Robinson

Do Bilingual Infants Possess Enhanced Cognitive Skills?  
Angeline Sin Mei Tsui, Christopher Fennell

Draping an Elephant: Uncovering Children's Reasoning About Cloth-Covered Objects  
Tomer Ullman, Eliza Kosoy, Ikker Yildirim, Amir A. Soltani, Max Siegel, Josh Tenenbaum, Elizabeth Spekle

Complexity and Learnability in the Explanation of Semantic Universals of Quantifiers  
Iris van de Pol, Shane Steinert-Threlkeld, Jakub Szymanik

Preschoolers' Evaluations of Ignorant Agents are Situation-Specific  
Alyssa R. Varhol, Tamar Kushnir, Melissa Koenig

Investigating the Exploration-exploitation Trade-off in Dynamic Environments with Multiple Agents  
Denis Omar Verduga Palencia, Magda Osman

Exploring the Linguistic Landscape: How Individual Differences Among Bilingual Adults Modulate Eye Movements When Viewing Multilingual Artificial Signs  
Naomi Vingron, Jason Gullifer, Debra Titone

The Temporal Dynamics of Belief-based Updating of Epistemic Trust: Light at the End of the Tunnel?  
Momme von Sydow, Christoph Merdes, Ulrike Hahn

Active Information Seeking Using the Approximate Number System  
Sverija Wagner, Kenny Smith, Jennifer Cuberston

Bayesian Pragmatics Provides the Best Quantitative Model of Context Effects on Word Meaning in EEG and Cloze Data  
Markus Werning, Matthias Unterhuber, Gregor Wiedemann

Testing Gender Markedness of Nouns with Self: A Paced Reading Study  
Ethan Gotlieb Wilcox

Phonological Cues to Syntactic Structure in A Large-Scale Corpus  
Ethan Gotlieb Wilcox

Do Typically and Atypically Developing Children Learn and Generalize Novel Names Similarly: The Role of Conceptual Distance during Learning and at Test  
Arnaud Witt Annick, Comblain Jean-Pierre Thibaut

Semantic and Visual Interference in Solving Pictorial Analogies  
Emily Wong, Guido F. Schauer, Peter C. Gordon, Keith Holyoak

Using Low-level Sensory Mechanism to bootstrap High Order Thinking in EFL Reading  
Hing Yi Orieta, Wong Duo, Liu Zi Yan

An Examination of Perseveration Terms in Reinforcement Learning Models  
Darrell Worthy, Astin C. Cornwall, Hilary J. Don

Generalization As Diffusion: Human Function Learning on Graphs  
Charley Mingshuo Wu, Eric Schulz, Samuel Gershman

Surprisingly Unsurprising! Infants' Looking Time at Improbable Events Is Modulated by Others' Expressions of Surprise  
Yang Wu, Hyowon Gweon
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>How Should We Incentivize Learning? An Optimal Feedback Mechanism For Educational Games and Online Courses</td>
<td>Lin Xu, Maria Wirzberger, Falk Lieder</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Abstract Syntactic Knowledge or Limited-Scope Formulae: A Computational Study of Children’s Early Utterances</td>
<td>Qihui Xu, Martin Chodorow, Virginia Valian, Xiaomeng Ma</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Mouse Tracking Measures Reveal Cognitive Conflicts Better than Response Time and Accuracy Measures</td>
<td>Takashi Yamauchi, Anton Leontyev, Moein Razavi</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Exploring How People Use Star Rating Distributions</td>
<td>Jingqi Yu, David Landy</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Communicative Need and Color Naming</td>
<td>Noga Zaslavsky, Charles Kemp, Naftali Tishby, Terry Regier</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Interpretation of Generic Language Is Dependent on Listener’s Background Knowledge</td>
<td>Xiuyuan Zhang, Dan Yurovsky</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Big, Little, or Both? Exploring the Impact of Granularity on Learning for Students with Different Incoming Competence</td>
<td>Guojing Zhou, Xi Yang, Min Chi</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>Bayesian Inference Causes Incoherence in Human Probability Judgments</td>
<td>Jianqiao Zhu, Adam Sanborn, Nicholas Chater</td>
</tr>
<tr>
<td>Saturday 13:00 - 14:30</td>
<td>A Visual Remote Associates Test and Its Initial Validation</td>
<td>Faheem Hassan Zunjani, Ana-Maria Olteteanu</td>
</tr>
</tbody>
</table>