

Poster Session 3

(Monarch Suite, Saturday July 29, 1:20pm - 2:50pm)

Space	Title	Author(s)
1	The Stroop Effect From a Mixture of Reading Processes: A Fixed-Point Analysis	Gabriel Tillman, Zachary Howard, Paul Garret, Ami Eidels
2	Goal-Directed Deployment of Attention in a Computational Model: A Study in Multiple-Object Tracking	Andrew Lovett, Will Bridewell, Paul Bello
3	Scarcity impairs online detection and prospective memory	Brandon Tomm, Jiaying Zhao
4	Brief Mindfulness Meditation Improves Attention in Novices	Catherine Norris, Daniel Creem
5	A Computational Model of the Role of Attention in Subitizing and Enumeration	Gordon Briggs, Will Bridewell, Paul Bello
6	Recently rewarded task-irrelevant stimuli do not distract 2-year-olds during visual search	Hayley K Smith, Erik Blaser, Zsuzsa Kaldy
7	A Model-based Approach for Assessing Attentional Biases in People with Depressive Symptoms	Isa Rutten, Wouter Voorspoels, Ernst H. W. Koster, Wolf Vanpaemel
8	The effect of binaural beats on inhibition	Kimery Levering, Molly Poinan, Kristin Jay
9	What can Hand Movements Tell us about Audience Engagement?	Lida Theodorou, Patrick Healey
10	What's on your wandering mind? The content of mind wandering during text- and film comprehension	Myrthe Faber, Sidney DMello
11	Children's EEG Indices of Directed Attention during Somatosensory Anticipation: Relations with Executive Function	Staci Meredith Weiss, Peter Marshall
12	Dual-routes and the cost of computing least-costs	Steven Phillips, Yuji Takeda, Fumie Sugimoto
13	The Impact of Presentation Order on Category Learning Strategies: Behavioral Data and Self-Reports	Christina Zeller, Ute Schmid
14	Learning Relational Concepts through Unitary versus Compositional Representations	Daniel Corral, Matt Jones
15	From Concrete Examples to Abstract Relations: A model-based neuroscience approach to how people learn new categories	Gareth Roberts, Micah Goldwater, Evan Livesey, Josue Giron, Tyler Davis
16	Children's use of lexical flexibility to structure new noun categories	Mahesh Srinivasan, Catherine Berner, Hugh Rabagliati
17	A Preliminary P-Curve Meta-Analysis of Learned Categorical Perception Research	Janet Andrews, Joshua de Leeuw, Calais Larson, Xiaoqing Xu
18	Shaping the Dynamics of Category Learning in Infants and Adults by Varying Learning Context	Jelena Sucevic, Nadja Althaus, Kim Plunkett
19	Relations Between Intuitive Biological Thought and Scientific Misconceptions	John Coley, Nicole Betz, Jessica Leffers, Yian Xu, Michal Fux, Kristin de Nesnera, Kimberly Tanner
20	PACKER: An Exemplar Model of Category Generation	Nolan Conaway, Joseph Austerweil
21	Generalizing novel names in comparison settings: role of conceptual distance during learning and at test	Jean-Pierre Thibaut, Arnaud Witt
22	Bridging a Conceptual Divide: How Peer Collaboration Facilitates Science Learning	Andrew Shtulman, Andrew Young
23	Children's Reasoning about Geometric Footprints	Christopher Young, Alana Foley, Susan Levine
24	One-shot Learning and Classification in Children	Eliza Kosoy, Brenden Lake, Josh Tenenbaum
25	Executive Functions and Academic Achievement in a High-Poverty Sample	Gill A. Francis, Zewelanjji Serpell, Teresa Parr, Michelle R. Ellefson
26	Aging of the Exploring Mind: Older Adults Deviate more from Optimality in Complex Choice Environments	Job Schepens, Ralph Hertwig, Wouter van den Bos
27	Extraneous visual noise facilitates word learning	Katherine Twomey, Lizhi Ma, Gert Westermann
28	How does social touch modulate arousal states? An investigation in early development.	Laura Pirazzoli, Emily Jones, Teodora Gliga, Mark H. Johnson
29	Statistical Learning Contributions to Semantic Knowledge Development	Layla Unger, Anna Fisher, Robert Powers
30	A Unified Model of Speech and Tool Use Early Development	Sébastien Forestier, Pierre-Yves Oudeyer
31	Pre-term infants exhibit impaired prediction and learning in Audio-Visual association paradigm	Sagi Jaffe-Dax, Alex M Boldin, Nathaniel D Daw, Lauren L Emberson
32	Risk, Cognitive Control, and Adolescence. Challenging the Dual Systems Model	Joanna Fryt, Tomasz Smolen, Karolina Czernecka, Amelia La Torre, Monika Szczygieł
33	It's Time: Quantifying the Relevant Timescales for Joint Attention	Drew Abney, Linda Smith, Chen Yu

34	Understanding The Role of Perception in the Evolution of Human Language	Isaac Davis
35	Construction of design activity index based on the value of artifact	Kunio Nikata, Kentaro Inomata, Toru Sato, Keigo Kawasaki, Noriko Nagata
36	Knowledge partitioning in forecasting	Lee-Xieng Yang, Tzu-Hsi Lee
37	Context reduces coercion costs - Evidence from eyetracking during reading	Oliver Bott
38	Causal asymmetry and the intuitive physics of collision events	Ralf Mayrhofer, Michael Waldmann
39	Cognition Influencing Auditory Perception in SLD Children: Revisiting the Models of Auditory Processing	Saransh Jain, N.P. Nataraja
40	Is Neurocomputational Self-Organization a Core Mechanism of AGI Systems?	Spyridon Revithis
41	The paradox of relational development is not universal: Abstract reasoning develops differently across cultures	Alexandra Carstensen, Caren Walker
42	The Causal Frame Problem: An Algorithmic Perspective	Ardavan Salehi Nobandegani, Ioannis N. Psaromiligkos
43	The Role of Causality in Temporal Binding: Evidence for an Intentional Boost	Daniel Shiloh, Peter White, Marc Buehner
44	Learning to Consider Alternative Causes: Can Practice Make Us More Aware of Our Imperfection?	Edward Munnich, Ana Maria Hoffmann, Nancy Ortega, Emma Weinberger, Dana-Lis Bittner, Jacqueline Tiongco, Jasmine West
45	Explanatory Completeness: Evidence from Causal Chains	Joanna Korman, Sangeet Khemlani
46	Motor Fluency Effects on Causal Judgment: The Role of Grip-Strength Asymmetries and Spatial-Numeric Associations	Kelly Goedert, Daniel Czarowski
47	"Oops, I did it again." The impact of frequent behaviour on causal judgement.	Lara Kirfel, David Lagnado
48	Estimating Causal Power between Binary Cause and Continuous Outcome	Motoyuki Saito, Patricia Cheng
49	Identifying Causal Direction in the Two-Variable Case	Pablo León-Villagrà, Christopher Lucas
50	Analytic knowledge for constructing useable empirical causal knowledge: Two experiments on preschoolers	Patricia Cheng, Mimi Liljeholm, Catherine Sandhofer
51	The Causal Sampler: A Sampling Approach to Causal Representation, Reasoning, and Learning	Zachary Davis, Bob Rehder
52	Does a present bias influence exploratory choice?	Alexander S Rich, Todd M Gureckis
53	Dependent Choices in Employee Selection: Modeling Choice Compensation and Consistency	Antonia Krefeld-Schwab, Benjamin Scheibehenne, Jörg Rieskamp, Nicolas Berkowitsch
54	Pupil Dilation and Cognitive Reflection as Predictors of Performance on the Iowa Gambling Task	Boban Simonovic, Edward Stuppel, Maggie Gale, David Sheffield
55	Architectural process models of decision making: Towards a model database	Cvetomir Dimov, Julian Marewski, Lael Schooler
56	On an effective and efficient method for exploiting "wisdom of crowds in one mind"	Itsuki Fujisaki, Hidehito Honda, Kazuhiro Ueda
57	An Investigation of Factors that Influence Resource Allocation Decisions	Percy Mistry, Jennifer Trueblood
58	Priors, informative cues and ambiguity aversion	Lauren Kennedy, Amy Perfors, Daniel Navarro
59	Hierarchical Processing of Response Production and Categorisation	Lisha He, Rick Cooper
60	How to communicate uncertainty in severe weather forecasts?	Nadine Fleischhut, Stefan Herzog, Ralph Hertwig
61	The Price of Fear: Developing a behavioural assessment of fear-related avoidance incorporating dynamic response measures.	Santiago Garcia-Guerrero, Denis O'Hora, Arkady Zgonnikov
62	Failure to use probability of success in deciding whether to pursue one goal or two.	Warren James, Alasdair Clarke, Amelia Hunt
63	Desires influence 4- to 6-year-old children's probabilistic judgments	Adrienne Wentle, Mariel Goddu, Elyanah Posner, Teresa Garcia, María Fernández Flecha, Alison Gopnik
64	Why Teach How Things Work? Tracking the Evolution of Children's Intuitions About Complexity	Emmanuel Trouche, Aaron Chuey, Kristi Lockhart, Frank Keil
65	An Exploratory Study of the Influence of Pretend Play on Children's Self-Regulation and Language Skills	Tanya Paes, Michelle Ellefson
66	Interactive and embodied repair: Displaying, recognizing, and negotiating misalignment in an emerging language context	Ashley Micklos

67	The tortoise wins only when the race is long: How the task environment changes the behavior of Tetris models	Catherine Sibert, Wayne Gray
68	The Impact of Decision Agency & Granularity on Aptitude Treatment Interaction in Tutoring	Guojing Zhou, Min Chi
69	Rank Aggregation and Belief Revision Dynamics	Igor Volzhanin, Ulrike Hahn, Dell Zhang, Stephan Hartmann
70	Modelling conceptual change as foraging for explanations on an epistemic landscape	Ismo Koponen, Tommi Kokkonen
71	The development of turn-taking: Pre-schoolers may predict what you will say, but they don't use those predictions to plan a reply.	Laura Lindsay, Chiara Gambi, Hugh Rabagliati
72	Thinking and Guessing: Bayesian and Empirical Models of How Humans Search	Marta Kryven, Tomer Ullman, William Cowan, Josh Tenenbaum
73	Co-ordinating Non-mutual Realities: The Asymmetric Impact of Delay on Video-Mediated Music Lessons	Sam Duffy, Patrick Healey
74	Legal HARKing: theoretical grounding in interaction research	Saul Albert, J.P. De Ruiter
75	The development of interpersonal regret and its relation to prosocial choice	Teresa McCormack, Brian Uprichard
76	Do we see things better when we know grammar?	Fenna Poletiak, Maartje Van de Velde
77	Memory of relative magnitude judgments informs absolute identification	Nisheeth Srivastava
78	Effects of Delayed Language Exposure on Spatial Language Acquisition by Signing Children and Adults	Dilay Z. Karadöller, Beyza Sumer, Asli Ozyurek
79	Mutual Exclusivity Revisited - When Pragmatics overrides Novelty	Hanna Marno, Dan Sperber
80	Picture book reading in the lives of 18-30 month old children: A diary study	Jessica Montag, Linda Smith
81	Word-object associations are non-selective in infants and young children	Ming Yean Sia, Julien Mayor
82	The Sufficiency Principle: Predicting when children will regularize inconsistent language variation	Kathryn D. Schuler, Jaclyn E. Horowitz, Charles Yang, Elissa L. Newport
83	Is Structural Priming in Children Facilitated by Interactions between Animacy and Syntax?	Leone Buckle, Anna Theakston, Elena Lieven
84	Language as a process: An exploration among pre-adolescent Chinese EFLs	Hing Yi Wong, Susanna Yeung, Wen Chung Wang, Chi Wing Yip
85	Cascading effect of context and competition on novel word learning	Sarah Kucker, Aaron Bagley
86	Comprehension of Chinese Classifiers in Preschool Children	Yu-Han Luo, Jon-Fan Hu
87	Case Markers Facilitate Abstraction of Syntax among Mandarin-speaking preschoolers	Dong-Bo Hsu
88	You can take a noun out of syntax...: Syntactic similarity effects in lexical priming	Nicholas Lester, Laurie Feldman, Fermin Moscoso del Prado Martin
89	The Long and Short of It: The Role of Verb Stem Vowel Duration in Sentence Processing	Gwendolyn Rehrig, Sten Knutsen, Nicolaus Schrum, Paul de Lacy, Karin Stromswold
90	Semantic ambiguity effects: A matter of time?	Joyse Medeiros, Blair Armstrong
91	Age differences in language comprehension during driving: Recovery from prediction errors is more effortful for older adults	Katja Häuser, Vera Demberg, Jutta Kray
92	Disentangling perceptual and linguistic factors in parsing: Tone monitoring via ERPs	David J. Lobina, Josep Demestre, Jose E. Garcia-Albea
93	Cumulative response probabilities: Estimating time course of lexical activation from single-point response times	Sahil Luthra, James Magnuson
94	Prediction and uncertainty in an artificial language	Tal Linzen, Noam Siegelman, Louisa Bogaerts
95	Respecting UP and Despising DOWN: Emotional and Body-based Image in Japanese Verbs	Tomohiro Taira
96	The Effect of CSAL AutoTutor on Deep Comprehension of Text in Low-Literacy Adult Readers	Anne Lippert, Brea Walker, Raven Davis, Qinyu Cheng, Zhiqiang Cai, Danielle Clewley, Genghu Shi, Arthur Graesser
97	Decomposability and Frequency in the Hindi/Urdu Number System	Chundra Cathcart
98	Is gender-fair language needed? How grammatical gender influences representations of discourse referents	Evelyn Ferstl, Lena Dietsche
99	The role of talker similarity in the perceptual learning of L2 tone categories	Jing Shao, Joanna Chor Yan Mak, Caicai Zhang
100	The Impact of Population Structure on Models of Language Change	Jordan Kodner, Christopher Cerezo Falco

101	The influence of word-order harmony on structural priming in artificial languages	Kenny Smith, Olga Feher, Jennifer Culbertson
102	Global consequences of local complexity: evidence from recall of visually presented nonwords	Mackenzie Young, Colin Wilson
103	Generalized Representation of Syntactic Structures	Reihane Boghrati, Kate Johnson, Morteza Dehghani
104	After braking comes hastening: reversed effects of indirect associations in 2nd and 4th graders	Nicole Franke, André Rölke, Ralph R. Radach, Markus J. Hofmann
105	Word order rules in business name binomials	Samuel Spevack, Patricia Lichtenstein, Stephanie Shih
106	The cultural evolution of complex linguistic constructions in artificial sign languages	Yasamin Motamedi, Marieke Schouwstra, Jennifer Culbertson, Kenny Smith, Simon Kirby
107	Beyond Almost-Sure Termination	Thomas Icard
108	Projecting space into the future: peripersonal space remaps in anticipation of an object manipulation	Anna Belardinelli, Johannes Lohmann, Martin Butz
109	Effect of Touch-produced Sounds on Surface Texture Perception	Jinhwan Kwon, Suguru Hata, Natsumi Komoto, Maki Sakamoto
110	The Perceived Duration of Vast Spaces	Devin Gill, Jeanine Stefanucci
111	Modality Differences in Timing: Testing the Pacemaker Speed Explanation	Emily Williams, Andrew Stewart, Luke Jones
112	The Effect of Economic Scarcity Priming on Perception of Race	Dariusz Lukasz Pilucik, Jens Koed Madsen
113	Auditory and Visual Contributions to Multisensory Integration	Jessica Parker, Chris Robinson
114	Facial Motor Information is Sufficient for Identity Recognition	Jonathan Vitale, Benjamin Johnston, Mary-Anne Williams
115	Perception Meets Examination: Studying Deceptive Behaviors in VR	Carla Aravena, Mark Vo, Tao Gao, Takaaki Shiratori, Lap-Fai Yu
116	Does banana spontaneously activate yellow color? Color-related concepts help with color discrimination	Lionel Brunel, Philippe Servajean, Loic Heurley, Nicolas Vermeulen
117	Thinking inside the box: Motion prediction in contained spaces uses simulation	Kevin Smith, Filipe Peres, Edward Vul, Joshua Tenenbaum
118	Alternation blindness in the perception of binary sequences	Ru Qi Yu, Daniel Osherson, Jiaying Zhao
119	Developing Visual Closure in Infancy	Samuel Forbes, Kim Plunkett
120	ASR Systems as Models of Phonetic Category Perception in Adults	Thomas Schatz, Francis Bach, Emmanuel Dupoux
121	Objections to Computationalism. A Short Survey	Marcin Miłkowski
122	Against the group actor assumption in joint action research	Ed Baggs, Ed Baggs
123	Resolving Two Tensions in 4E Cognition Using Wide Computationalism	Luke Kersten, Joe Dewhurst, George Deane
124	Instrumental Representations of Sensorimotor Control: Representations at Immediate Level	Hsi-wen Liu
125	How could a rational analysis model explain?	Samuli Reijula
126	Robot as Moral Agent: A Philosophical and Empirical Approach	Shoji Nagataki, Masayoshi Shibata, Tatsuya Kashiwabata, Takashi Hashimoto, Takeshi Konno, Hideki Ohira, Toshihiko Miura, Shinichi Kubota
127	Beliefs about sparsity affect causal experimentation	Anna Coenen, Neil Bramley, Azzurra Ruggeri, Todd Gureckis
128	Equiprobability principle or "no change" principle? Examining reasoning in the Monty Hall Dilemma using unequal probabilities	Bruce Burns
129	Is it fair? Textual effects on the salience of moral foundations	Eyal Sagi
130	The Neural Mechanisms of Relational Reasoning: Dissociating Representational Types	Julia Wertheim, Marco Ragni
131	Belief Updating and Argument Evaluation	Megan D. Bardolph, Seana Coulson
132	Inductive reasoning influences perception of interspecies disease transmission risk	Micah Goldwater, Molly Ireland, Nick Gaylord, Jason Van Allan, Tyler Davis
133	Influencing Network Graph Perception and Judgment: Effects of Direct Connections, Base Rates, and Visual Layout Proximity on Social Network Analysis	Rebecca Rhodes, Isaiah Harbison, Nathan Bos, Celeste Paul, Clay Fink, Anthony Johnson
134	Probability judgement from samples: accurate estimates and the conjunction fallacy	Rita Howe, Fintan Costello
135	Counterfactual thoughts and judgments about morally good actions	Shane Timmons, Ruth Byrne

136	Grasping Multisensory Integration: Proprioceptive Capture after Virtual Object Interactions	Johannes Lohmann, Jakob Gütschow, Martin V. Butz
137	A theory of the detection and learning of structured representations of similarity and relative magnitude	Alex Doumas, Aaron Hamer, Guillermo Puebla-Ramirez, Andrea Martin
138	Comparing comparison indices: Assessing the validity of different magnitude comparison measures across presentation formats and age groups	Marcie Penner-Wilger, Aaron Cecala, Melissa Elfers
139	Interpretation and Processing Time of Generalized Quantifiers: Why your Mental Space Matters	Alice Ping Ping Tse, Marco Ragni
140	Is ambiguity detection in haptic imagery possible? Evidence for Enactive imaginings	Wim Pouw, Asimina Aslanidou, Kevin Kamermans, Fred Paas
141	Speed and accuracy trade-off of semantic composition involving highlighting and adjustment	Diana Dimitrova, Brian McEree, Petra Schumacher
142	Semantic vector evaluation and human performance on a new vocabulary MCQ test	Joseph Levy, John Bullinaria, Samantha McCormick
143	Influence of using 3D images and 3D-printed objects on spatial reasoning of experts and novices	Akihiro Maehigashi, Kazuhisa Miwa, Masahiro Oda, Yoshihiko Nakamura, Kensaku Mori, Tsuyoshi Igami
144	Representing time in terms of space: Directions of mental timelines in Norwegian	Andrea Bender, Kristin Sjøfjell, Annelie Rothe-Wulf, Sieghard Beller
145	Computational modeling of auditory spatial attention	Edward Golob, K. Brent Venable, Jaelle Scheuerman, Maxwell Anderson
146	Spatial Training and Mathematics: The Moderating Effect of Handedness	Giovanni Sala, Martina Bolognese, Fernand Gobet
147	Introducing a New JavaScript Framework for Professional Online Studies.	Holger Finger, Dorena Diekamp, Caspar Goeke
148	"The Polar Express" is Bipolar: Critical Film Reviews Influence Uncanny Valley Phenomenon in Animation Films	Jari Kätsyri
149	Creation of Spatial Mental Models with Figural Stimuli: Validation of the Emoji-based Spatial Integration Task	Polly O'Rourke, Nick Pandza, Susan Campbell
150	The relationship between verbal route descriptions and personal characteristics of empathy	Takatsugu Kojima
151	Pseudoneglect and development: Age-related spatial bias in bisection and drawing	Yordanka Zafirova, Asenia Giagtzidou, Dara Vassileva, Elena Andonova
152	The dot perspective task revisited: Evidence for directional effects	Cathleen O'Grady, Thom Scott-Phillips, Suilin Lavelle, Kenny Smith
153	Towards an Analogical Theory of Mind	Irina Rabkina, Clifton McFate, Ken Forbus, Christian Hoyos
154	Perspective-Taking in Referential Communication: Does Stimulated Attention to Addressee's Perspective Influence Speakers' Reference Production?	Debby Damen, Per van der Wijst, Marije van Amelsvoort, Emiel Krahmer
155	Theory of Mind and Valuation during Cooperation	Michael Spezio, Tessa Rusch, Yuqing Lei, Vanessa Hayes, Jan Glaescher
156	Inferring Intentional Agents From Violation of Randomness	Yuan Meng, Tom Griffiths, Fei Xu