Poster Session 2 (Exhibit Hall A)

(Note: HTML format on cognitivesciencesociety.org includes links to maps, abstracts and papers)

[1] Expertise in Cognitive Task Analysis Interviews
Author(s): Danny Koh, Kenneth Koedinger, Carolyn Rose, David Feldon

[2] Understanding the Cone of Uncertainty: Non-expert interpretations of hurricane forecast uncertainty visualizations
Author(s): Ian T. Ruginski, Alexander P. Boone, Lace M.K. Padilla, Mary Hegarty, William B. Thompson, Donald H. House, Sarah H. Creem-Regehr

[3] The Effect of Spatial Representations on Discounting Rates
Author(s): Andrea J. Sell, Tenny Spehar-Fahey, Michael Gagliardo

[4] Effect is sure, but explanation is unsure: Closer investigation of the foreign language effect with Japanese participants
Author(s): Kuninori Nakamura

[5] Inhibition Failure is Mediated by a Disposition Toward Flexible Thinking
Author(s): Alexander Swan, Russell Revlin

Author(s): Momme von Sydow

[7] Does tactile softness and hardness alter our acceptance of utilitarian judgment?
Author(s): Yoshimasa Majima, Hiroko Nakamura

[8] The influence of an inherence heuristic on scientific explanation
Author(s): Zachary Horne, Andrei Cimpian

[9] Violence Metaphors in Presidential Debates
Author(s): Chelsea Coe, Till Bergmann, Teenie Matlock

[10] Reducing overconfidence in forecasting with repeated judgement elicitation
Author(s): Matthew Welsh, Steve Begg

[11] No One Left Behind: How Social Distance Affects Life-Saving Decision Making
Author(s): Yufeng Zhang, Haotian Zhou, Mo Luan, Hong Li

[12] This poster has been moved to another date

[13] A Foreign Language Effect or a Language Proficiency Effect?
Author(s): Paul Thibodeau, Evelyn Kalafus-Masterbrook, Matias Berretta, Aliya Tuzhilin, Nupur Agrawal

Author(s): Sabine Topf, Eddy Davelaar

Author(s): Emmanouil Konstantinidis, Nathaniel J. S. Ashby, Cleotilde Gonzalez

[16] Valence vs. Value in Decision-Making in Depression
Author(s): Nathaniel Blanco, W. Todd Maddox

[17] How Causal Mechanism and Autocorrelation Beliefs Inform Information Search
Author(s): Benjamin Rottman

[18] That’s not the whole story: The role of reliability and credibility in evidential reasoning
Author(s): Saarae Connor Desai, David Lagrado

[19] Embodied cognition and passive processing: What hand-tracking tells us about syntactic processing in L1 and L2 speakers of English
Author(s): Scott Crossley, Youjin Kim, Tiffany Lester, Samuel Clark

[20] Education, not age, predicts variable plural production in Yucatec Maya
Author(s): Lindsay Butler, Rosa Couch Pool

[21] Supervised and unsupervised learning in phonetic adaptation
Author(s): Dave F. Kleinschmidt, Rajeev Raizada, T. Florian Jaeger

[22] Do we use L1 probabilistic phonotactics in L2 listening?
Author(s): Michael C. W. Yip

[23] On the interplay between spontaneous spoken instructions and human visual behaviour in an indoor guidance task
Author(s): Nikolina Koleva, Sabrina Hoppe, Mohammad Mehdi Moniri, Maria Staudte, Andreas Bühlig

Author(s): Tomohiro Taira

Author(s): Seana Coulson, Tristan Davenport, Pia Knoefele, Sarah Creel

[26] Semantically underinformative utterances trigger pragmatic inferences
Author(s): Ekaterina Kravtchenko, Vera Demberg

Author(s): Markus Werning, Jarmo Kontinen, Erica Cosentino

[28] Addressee Backchannels Can Bias Third-Party Memory and Judgment
Author(s): Jackson Tolins, Jean E Fox Tree
[29] Infant Locomotion, the Language Environment, and Language Development: A Home Observation Study
Author(s): Eric Walle, Anne Warlaumont

[30] Phonetic abilities of walking and crawling infants
Author(s): Gina Pretzer, Anne Warlaumont, Eric Walle

[31] Linguistic input overrides conceptual biases: When goals don’t matter
Author(s): Nicholas Lester

[32] Natural language quantifiers are exclusively linked to exact number skills
Author(s): Sarah Dolscheid

[33] Crowdsourcing elicitation data for semantic typologies
Author(s): Barend Beekhuizen, Suzanne Stevenson

[34] Vocabulary Size is Correlated with Non-Native Tone Sensitivity In English Learning Infants
Author(s): Candise Lin, Toben Mintz

[35] Interactions of emoticon valence and text processing
Author(s): LAURIE FELDMAN, KIT W. CHO, CECILIA ARAGON, JUDITH KROLL

[36] The Social Evolution and Communicative Function of Noun Classification
Author(s): Michael Ramsar, Melody Dye, Petar Milin, Richard Futrell

[37] Analyze Chinese Lexicon Project in the Chinese Character norms of traditional scripts
Author(s): Sau-chin Chen, Chung-Ching Wang, Jon-Fan Hu

[38] Promoting Comprehension of Health Information among Older Adults
Author(s): Jessie Chin, Jessica Johnson, Darcie Moeller, Elise Duwe, James Graumlich, Michael Murray, Elizabeth Stine-Morrow, Daniel Morrow

[39] Speech and Print: Two Different Communication Media and Implications for Acquiring Literacy Naturally
Author(s): Dominic Massaro

[40] Using Wordless Picture Books during Shared Reading Boost Language Production in Preschoolers
Author(s): Leydi Chaparro-Moreno, Florencia Reali, Carolina Maldonado-Carreño

[41] Text Analytic Techniques in Survey Questionnaire Development and Analysis
Author(s): John Ford

[42] Referential cues modulate attention and memory during cross-situational word learning
Author(s): Kyle MacDonald, Daniel Yurovsky, Michael Frank

Author(s): Maki Sakamoto, Tatsuki Kagitani, Ryuichi Doizaki

[44] A holistic advantage in face drawing: higher accuracy when drawing upright faces
Author(s): Jennifer Day, Nicolas Davidenko

[45] Accuracy and awareness of image veracity in human perceptions of manipulated and unmanipulated images
Author(s): Caldwell Sabrina, Gedeon Tamás, Jones Richard, Copeland Leana

[46] Learning with Concrete and Virtual Manipulative Models: Are Models Scaffolds or Crutches?
Author(s): Andrew Stull, Mary Hegarty

[47] Voice-specific effects in semantic association
Author(s): Ed King, Meghan Sumner

[48] The Dynamics of Spoken Word Recognition in Second Language Listeners Reveal Native-Like Lexical Processing
Author(s): Henna Shin, Brian Bauman, Imola MacPhee, Jason Zevin

[49] General Language Ability Predicts Talker Identification
Author(s): Xin Xie, Emily Myers

[50] Body-centric and world-centric components of the large-scale horizontal-vertical illusion
Author(s): Frank Durgin, Zhi Li, Brennan Klein

[51] Cognitive Factors and Representation Strategies In Sketching Math Diagrams
Author(s): Damian Marden-Snipp, Ting Dai, Julie Booth, Briana Chang, Jennifer Cromley, Nora Newcombe

[52] Finding the return path: allo- versus egocentric perspective
Author(s): Kai Hamburger, Florian Röser

[53] Strategy differences do not account for gender difference in mental rotation
Author(s): Alexander Boone, Mary Hegarty

[54] Selecting landmarks when giving directions to different addressees on campus
Author(s): Laura Carlson, Jennifer Kolesari, Christopher Galeucia, Deanne Adams

[55] Knowing what he could have shown: The role of alternatives in children’s evaluation of under-informative teachers
Author(s): Hyowon Gweon, Mika Asaba

[56] Social Situation Awareness: Empathic Accuracy in the Aircraft Cockpit
Author(s): Irene Stepnica, Livia Tomova, Dominik Niedermeier, Markus Peschl, Claus Lamm

[57] Interruption-recovery training transfers to novel tasks
Author(s): Winston Jones, Jarrod Moss

[58] The Increased Use of Tablets in Education: Why Physical Learning Is Sometimes Better
Author(s): Sara Goodman, Travis Seymour, Barrett Anderson

[59] The perception and memory of object properties: The role of attention, intention, and information detection
Author(s): Brandon Thomas, Michael Riley
[60] Assessing Claims of Metaphorical Salience Through Corpus Data  
Author(s): Jenny Lederer

[61] Navigation with Learned Spatial Affordances  
Author(s): Susan L. Epstein, Anoop Arora, Matthew Evanusa, Elizabeth Sklar, Simon Parsons

[62] Probing the mental number line: A between-task analysis of spatial-numerical associations  
Author(s): Chi-Ngai Cheung, Vladislav Ayzenberg, Rachel F. L. Diamond, Sami Yousif, Stella F. Lourenco

[63] Defeasible Reasoning with Quantifiers  
Author(s): Lupita Estefania Gazzo Castaneda, Markus Knauff

[64] Algebraic reasoning in 3- to 5-year-olds  
Author(s): Pierina Cheung, Mathieu Le Corre

[65] Implicit Understanding of Arithmetic with Rational Numbers: The Impact of Expertise  
Author(s): Melissa DeWolf, Ji Son, Miriam Bassok, Keith Holyoak

[66] Getting what you Ordered: Symbolic and Non-Symbolic Ordinality as Predictors of Exact and Approximate Calculation in Adults  
Author(s): Rylan J. Waring, Marcie Penner-Wilger

[67] Varying Effects of Subgoal Labeled Procedural Instructions in STEM Learning  
Author(s): Lauren Marguleaux, Richard Catrambone

[68] Complex Mental Addition and Multiplication Rely More on Visuospatial than Verbal Processing  
Author(s): Tommy Kwun Leuk Cheung, Janet Hui Wen Hsiao

[69] Figurative and Literal Action-Sentence Compatibility Effect in Japanese  
Author(s): Soichi Kozai, Katsunori Kotani, Markake Sipraseuth

[70] Invertible signals: A challenge for theories of communication  
Author(s): Jennifer Misak, Takao Noguchi, Nick Chater

[71] Illusory inferences: disjunctions, indefinites, and the erotetic theory of reasoning  
Author(s): Salvador Mascarenhas, Philipp Korolus

[72] What senses of agency can infants have?  
Author(s): Lorijn Zaadnoordijk, Sabine Hunnix, Marlene Meyer, Johan Kwisthout, Iris van Rooij

[73] What Is Lost in Translation from Visual Graphics to Text for Accessibility  
Author(s): Peter Coppin, Peter Coppin

[74] Turn, Turn, Turn: Perceiving Global and Local, Clockwise and Counterclockwise Rotations  
Author(s): Bob French, Helle Lukowski-Duplessy, Cory Rieth, Gary Cottrell

[75] A model for full local image interpretation  
Author(s): Guy Ben-Yasif, Liav Assif, Daniel Harari, Shimon Ullman

[76] Partitioning the Firing Patterns of Spike Trains by Community Modularity  
Author(s): Hu Lu, Xing Hao Huang, Yu Qing Song, Hui Wei

[77] NARS as a Normative Model of Cognition  
Author(s): Ozkan Kilic, Pei Wang

[78] Economic Behavioral and Semantic Analysis of Generosity and Fairness in L’Arche Caregivers  
Author(s): Mark Graves, Kevin Reimer, Andrea Beckum, Shaina Smith, Remya Nair, Michael Speio, Warren Brown, Steven Quartz

[79] The Relationship Between Empathy and Humor use in Adolescents  
Author(s): Yong-Ru Hsiao, Yueh-Lin Tsai, Hsueh-Chih Chen, Jon-Fan Hu

[80] Spatial Perception is Continuously Constrained by Goals and Memories  
Author(s): David Vinson, Jerome Scott Jordan, Alycia Hund

[81] Gestures in the TV News reflect mental number space: “Tiny” and “low” numbers  
Author(s): Bodo Winter, Marcus Perman, Teenie Matlock

[82] When Less Can Be More: Dual Task Effects on Speech Fluency  
Author(s): Naomi Eichorn, Clara Marton

[83] A test of the somnolent mentation theory and the cognitive shuffle insomnia treatment  
Author(s): Nancy Digdon, Luc Beaudoin

[84] Motion event expressions in language and gesture: Evidence from Persian  
Author(s): Niloofar Akhavan, Nazbanou Nazari, Tilbe Goksun

[85] How Physical Interaction Helps Performance in a Scrabble-like Task  
Author(s): Morgan Fleming, Paul Maglio

[86] Communicative Efficiency and Miscommunication: The Costs and Benefits of Variable Language Production  
Author(s): Alexandra Paxton, Jennifer Roche, Michael Tanenhaus

[87] Cross-Cultural Comparison of Peer Influence on Discovery Rate during Play  
Author(s): Shirline Wade, Celeste Kidd

[88] The Effects of Criticism on Creative Ideation  
Author(s): Yuko Tanaka, Yasuaki Sakamoto, Noboru Sonehara

[89] How semantic is unconscious semantic integration? A visual masking study  
Author(s): Liad Mudrik, Nathan Fairv, Sid Kouider, Christof Koch

[90] Manipulating the Contents of Consciousness: A Mechanistic-Manipulationist Perspective on Content-NCC Research
[91] Multisensory Integration Induces Body Ownership of an External Tool
   Author(s): Veronica Weser, Gianluca Finotti, Dennis Proffitt

[92] Modeling the Role of Hippocampus in Extinction and Spontaneous Recovery
   Author(s): Jeffrey Rodny, David Noelle

[93] Making moves: How sex and race are detected from biological motion
   Author(s): Brian Eiler, Rachel Kallen, Mike Richardson

[94] Social Cues Affect Grasping Hysteresis in ASD
   Author(s): Joseph Amaral, Heidi Kloos, Veronica Romero, Mike Richardson

[95] Interdependence of Fixations and Saccades
   Author(s): Sebastian Wallot, Charles Coey, Mike Richardson

[96] Minimal Requirements for Productive Compositional Signaling
   Author(s): Thomas Brochhagen

[97] P3 as a neural index of response inhibition
   Author(s): Sara López-Martín, Jacobo Albert, Sandra Hoyos, Alberto Sánchez-Carmona, Luis Carretié

[98] Young Children’s Understanding of the Successor Function
   Author(s): Jennifer Kaminski

[99] Children’s Trust in Technological and Human Informants
   Author(s): Nicholas Nolles, Judith Danovitch, Patrick Shafto

[100] If at First You Don’t Succeed: The Role of Evidence in Preschoolers’ and Infants’ Persistence.
   Author(s): Julia Leonard, Laura Schulz

[101] Incremental Object Perception in an Attention-Driven Cognitive Architecture
   Author(s): Will Bridewell, Paul Bello

[102] Memory Capacity Limits in Processing of Natural Connected Speech: The Psychological Reality of Intonation Units
   Author(s): Heather Elizabeth Simpson, Fermín Moscoso del Prado Martín

[103] Capturing Social Motor Coordination: A comparison of the Microsoft Kinect, Video-Motion Analysis and the Polhemus Latus Motion Tracking System
   Author(s): Veronica Romero, Joseph Amaral, Paula Fitzpatrick, Richard Schmidt, Mike Richardson

[104] Transitivity is Not Obvious: Probing Prerequisites for Learning
   Author(s): Eliane Wiese, Rony Patel, Jennifer Olsen, Ken Koedinger

[105] Diagrams benefit symbolic problem solving
   Author(s): Junyi Chu, Emily Fye, Bethany Rittle-Johnson

[106] Watch out! - An instruction raising students’ epistemic vigilance augments their sourcing activities
   Author(s): Marc Stadtler, Johanna Maria Paul, Silke Globoschütz, Rainer Bromme

[107] Behaviorist Thinking in Judgments of Wrongness, Punishment, and Blame
   Author(s): Julian de Freitas, Samuel Johnson

[108] Informative Transitions: A Heuristic for Conditionalized Causal Strength Learning
   Author(s): Cory Denniger, Benjamin Rottman

   Author(s): Motoyuki Saito

[110] Inferring causal structure and hidden causes from event sequences
   Author(s): Christopher Lucas, Kenneth Holstein, Michael Pacer

[111] Naïve Beliefs About Intervening on Causes and Symptoms in the Health Domain
   Author(s): Jesseca Marsh, Andrew Zeveney

[112] A Puzzle for your thoughts: Information about the difficulty of one task influences preschoolers’ exploratory play with a novel toy
   Author(s): Amanda Castro, Elizabeth Bonawitz

[113] Distributed Cognition in the Age of Distributed Systems
   Author(s): Ethan Soutar-Rau, Brian Fisher

[114] Neuronal Dynamics and Spatial Foraging
   Author(s): Timothy Shea, Anne Warlaumont, Chris Kello, David Noelle

[115] The Color of Music: Synesthesia or emotion-mediated cross-modal associations?
   Author(s): Erin Isbilen, Carol Lynne Krumhansl

[116] Configural and featural face processing are modulated by spatial attention: evidence from event-related brain potentials
   Author(s): Hailing Wang, Shimin Fu

[117] Lateral Inhibition Overcomes Limits of Temporal Difference Learning
   Author(s): Jacob Rafati, David Noelle

[118] Tracking Relations: The Effects of Visual Attention on Relational Recognition
   Author(s): Katherine Livins, Leonidas Doumas, Michael Spivey

[119] Transfer effects of prompted and self-reported analogical comparison and self-explanation
   Author(s): J. Elizabeth Richey, Cristina D. Zepeda, Timothy J. Nokes-Malach

[120] Analogical comparison aids false belief understanding in preschoolers
   Author(s): Christian Hayos, William Horton, Dedre Gentner
[152] A Bayesian hierarchical model of local-global processing: Visual crowding as a case-study
   Author(s): Shunan Zhang, Man Song, Angela Yu

[153] Cognitive architecture and second-order systematicity: categorical compositionality and a (co)recursion model of systematic learning
   Author(s): Steven Phillips, William Wilson

[154] A latent-mixture quantum probability model of causal reasoning within a Bayesian inference framework
   Author(s): Percy Mistry, Jennifer Trueblood, Joachim Vandekerckhove, Emmanuel Pothos

[155] So good it has to be true: Wishful thinking in theory of mind
   Author(s): Daniel Hawthorne-Madell, Noah Goodman

[156] Learning Additive and Substitutive Features
   Author(s): Ting Qian, Joseph Austerweil

[157] Assessing a Bayesian account of human gaze perception
   Author(s): Peter C. Pantelis, Daniel P. Kennedy

[158] Gricean maxims influence inductive inference with negative observations
   Author(s): Wouter Voorspoels, Daniel Navarro, Amy Perfors, Keith Ransom

[159] Alien Bacteria Found on Mars! A Model of Conceptual Change using the Re-categorization Paradigm
   Author(s): Tim Sparer, Jared Ramsburg, Carlos Salas, Stellan Ohlsson

[160] Children search for information as efficiently as adults, but seek additional confirmatory evidence
   Author(s): Azzurra Ruggeri, Tania Lombozo, Tom Griffiths, Fei Xu