

# Table of Contents

<b>Introduction</b> .....	1
<b>Organizing Committee</b> .....	3
<b>Program Committee</b> .....	4
<b>Sponsors</b> .....	5
<b>Conference Awards</b> .....	6
<b>Glusko Dissertation Prizes and NSF Fellowships</b> .....	8
<b>Invited Plenary Presentations</b> .....	9
<b>Workshops</b>	
<i>Women in Cognitive Science sponsored interactive panel discussion: Professional advancement, leadership and international collaboration</i> .....	10
Laurie Beth Feldman, Janet van Hell, Judith Kroll, Suparna Rajaram	
<i>Teleoperated Android as a Tool for Cognitive Studies, Communication and Art</i> .....	12
Shuichi Nishio, Hiroshi Ishiguro	
<i>Modeling the Perception of Intentions</i> .....	14
Barbara Tversky, Shimon Ullman, Dare Baldwin, Frank E. Pollick, Joshua Tenenbaum, Tao Gao, Peter Pantelis, David Pautler	
<b>Tutorials</b>	
<i>And Now for Something Completely Different: Python in Cognitive Science</i> .....	16
Mark Andrews, Jesse Diaz	
<i>Full day tutorial on Quantum models of cognition and decision</i> .....	18
Jerome Busemeyer, Peter Bruza, Taiki Takahashi, Jennifer Trueblood	
<i>Using Bayes to Interpret Non-significant Results</i> .....	20
Zoltan Dienes	
<i>Nengo and the Neural Engineering Framework: From Spikes to Cognition</i> .....	22
Chris Eliasmith, Terrence Stewart	
<i>Probability, programs, and the mind: Building structured Bayesian models of cognition</i> .....	24
Noah Goodman, Joshua Tenenbaum	
<i>Using Machine Learning for Exploratory Data Analysis</i> .....	26
Joshua Lewis, Virginia de Sa	
<i>Practical Advice on How to Run Human Behavioral Studies</i> .....	28
Frank Ritter, Jong kim	

## Symposia

<i>Robotics and Emotion</i> .....	30
Rolf Pfeifer, Hiroshi Ishiguro, Yuichiro Anzai, Naomi Miyake	
<i>Computational Models of Intuitive Physics</i> .....	32
Peter Battaglia, Tomer Ullman, Joshua Tenenbaum, Adam Sanborn, Kenneth Forbus, Tobias Gerstenberg, David Lagnado	
<i>The role of comparison in structure learning: Developmental, learning science, and computational perspectives</i> .....	34
Stella Christie, Dedre Gentner, Mutsumi Imai, Etsuko Haryu, Hiroyuki Okada, Ji Y. Son, James Stigler, Leonidas Doumas, Robert G. Morrison, Lindsey E. Richland	
<i>Neural Computations Supporting Cognition: Rumelhart Prize Symposium in Honor of Peter Dayan</i> .....	36
Kenji Doya, John O’Doherty, Alexandre Pouget, Peter Bossaerts, Nathaniel Daw, Yael Niv	
<i>Thirty years of Marr’s Vision: Levels of Analysis in Cognitive Science</i> .....	38
Chris Eliasmith, Tom Griffiths, Valerie Gray Hardcastle, Brad Love, William Bechtel, Richard P. Cooper, David Peebles	
<i>New Frontiers in Computational Models of Grammatical Development</i> .....	40
Micah Goldwater, Scott Friedman, Dedre Gentner, Kenneth Forbus, Cynthia Fisher, Michael Connor, Dan Roth, Franklin Chang, Gary Dell	
<i>Computational, Cognitive, and Neural Models of Decision-making Biases</i> .....	42
Jonathan Malmaud, Joshua Tenenbaum, Peter Dayan, Laurence Maloney, Edward Vul, Nick Chater	
<i>Governing Board Symposium: Cognitive Science and the Learning Sciences</i> .....	44
Naomi Miyake, Roy Pea, Reinhart Pekrun, Kurt Van Lehn, Richard Catrambone, Stella Vosniadou	
<i>How Vertical Spaces Are Perceived and Represented</i> .....	46
Daniele Nardi, Frank Durgin, Kate Jeffery, Steven Weisberg	
<i>What Can Cognitive Science Say or Learn about Economic Crises?</i> .....	48
Magda Osman, Björn Meder, Gerd Gigerenzer, Nick Chater, Daniel Read, Hansjörg Neth	
<i>Dynamic decision making: neuronal, computational, and cognitive underpinnings</i> .....	50
Magda Osman, Maarten Speekenbrink, Peter Dayan, Masataka Watanabe, Nigel Harvey	
<i>Grammatical Approaches to Written and Graphical Communication</i> .....	52
Colin Wilson, Neil Cohn, James Myers, Stephen Goldberg, Ariel Cohen-Goldberg	

## Papers

<i>Constructing a hypothesis space from the Web for large-scale Bayesian word learning</i> .....	54
Joshua Abbott, Joseph Austerweil, Tom Griffiths	
<i>Predicting focal colors with a rational model of representativeness</i> .....	60
Joshua Abbott, Terry Regier, Tom Griffiths	
<i>Gestures in Communication through Line Graphs</i> .....	66
Cengiz Acarturk, Ozge Alacam	

<i>Distributional Learning of Vowel Categories Is Supported by Prosody in Infant-Directed Speech</i> . . . .	72
Frans Adriaans, Daniel Swingley	
<i>Emotion-Based Reinforcement Learning</i> . . . . .	78
Woo-Young Ahn, Olga Rass, Yong-Wook Shin, Jerome R. Busemeyer, Joshua W. Brown, Brian F. O'Donnell	
<i>Cooperation in risky environments: Decisions from experience in a stochastic social dilemma</i> . . . . .	84
Florian Artinger, Nadine Fleischhut, Vittoria Levati, Jeffrey R. Stevens	
<i>Modeling individual differences in socioeconomic game playing</i> . . . . .	90
Derrik Asher, Shunan Zhang, Andrew Zaldivar, Michael Lee, Jeffrey Krichmar	
<i>Lexical Access Across Languages: A Multinomial Model of Auditory Distraction</i> . . . . .	96
Philip Beaman	
<i>Diagramming Phenomena for Mechanistic Explanation</i> . . . . .	102
William Bechtel, Adele Abrahamsen	
<i>Route choice in individuals—semantic network navigation</i> . . . . .	108
Nicole Beckage, Mark Steyvers, Carter Butts	
<i>Competent Deontic Reasoning: The Abstract Deontic Selection Task Revisited</i> . . . . .	114
Sieghard Beller, Andrea Bender	
<i>That's what she (could have) said: How alternative utterances affect language use</i> . . . . .	120
Leon Bergen, Noah Goodman, Roger Levy	
<i>Word predictability and frequency effects in a rational model of reading</i> . . . . .	126
Klinton Bicknell, Roger Levy	
<i>The retriever-connector model: Matching Classroom Data and Agent-Based Computer Models to Simulate Students' Use of Multiple Epistemological Resources</i> . . . . .	132
Paulo Blikstein	
<i>Inducing Mathematical Concepts from Specific Examples: The Role of Schema-Level Variation</i> . . .	138
David Braithwaite, Robert Goldstone	
<i>Learning to recognize unfamiliar voices: the role of language familiarity and music experience</i> . . . .	144
Micah Bregman, Sarah Creel	
<i>Misconceptions Regarding Emergent Phenomena Vary By Domain</i> . . . . .	150
Sarah Brem, Glenda Stump, Gale Sinatra, Raymond Reichenberg, Benjamin Heddy	
<i>Do I know that you know what you know? Modeling testimony in causal inference</i> . . . . .	156
Daphna Buchsbaum, Sophie Bridgers, Andrew Whalen, Elizabeth Seiver, Tom Griffiths, Alison Gopnik	
<i>Revisiting the Relationship between Allocentric-Heading Recall and Self-Reported Sense of Direction</i> . . . . .	162
Heather Burte, Mary Hegarty	
<i>Space-Time Interdependence and Sensory Modalities: Time Affects Space in the Hand But Not in the Eye</i> . . . . .	168
Zhenguang Cai, Louise Connell	

<i>Sentic Panalogy: Swapping Affective Common Sense Reasoning Strategies and Foci</i> .....	174
Erik Cambria, Daniel Olsher, Kenneth Kwok	
<i>Object discovery and inverse physical reasoning</i> .....	180
Christopher Carroll, Charles Kemp	
<i>Category structure modulates interleaving and blocking advantage in inductive category acquisition</i>	186
Paulo Carvalho, Robert Goldstone	
<i>Implicit Learning of L2 word stress rules</i> .....	192
Ricky Chan, Janny Leung	
<i>Generating Realistic Semantic Codes for Use in Neural Network Models</i> .....	198
Ya-Ning Chang, Steve Furber, Stephen Welbourne	
<i>Word Form Encoding in Mandarin Chinese Typewritten Word Production</i> .....	204
Jenn-Yeu Chen, Train-Min Chen	
<i>What Counts in Mandarin Chinese: A Study of Individuation and Quantification</i> .....	210
Pierina Cheung, Peggy Li, David Barner	
<i>The Role of Preview and Incremental Delivery on Visual Search</i> .....	216
Eric Chiu, Michael Spivey	
<i>Determining Relevance: Close Enough is Good Enough</i> .....	222
Sheldon Chow	
<i>Subject Relative Production in SLI Children during Syntactic Priming and Sentence Repetition</i> ..	228
Moreno Coco, Maria Garraffa, Holly Branigan	
<i>Segmenting Visual Narratives: Evidence for Constituent Structure in Comics</i> .....	234
Neil Cohn, Phillip Holcomb, Ray Jackendoff, Gina Kuperberg	
<i>Framing attention in American and Japanese comics</i> .....	240
Neil Cohn, Amaro Taylor-Weiner, Suzanne Grossman	
<i>Early-Talker and Late-Talker Toddlers and Networks Show Different Word Learning Biases</i> .....	246
Eliana Colunga, Clare Sims	
<i>Do you see what I'm singing? Visuospatial movement biases pitch perception</i> .....	252
Louise Connell, Zhenguang Cai, Judith Holler	
<i>Flexible Shortcuts: Linguistic Distributional Information Affects both Shallow and Deep Conceptual Processing</i> .....	258
Louise Connell, Dermot Lynott	
<i>Exploring Decision Rules and Sampling Dynamics in Recognition Memory</i> .....	264
Gregory Cox, Richard Shiffrin	
<i>Reverse appraisal: The importance of appraisals for the effect of emotion displays on people's decision making in a social dilemma</i> .....	270
Celso de Melo, Jonathan Gratch, Peter Carnevale, Stephen Read	
<i>Neural correlates of social perception: The posterior superior temporal sulcus is modulated by action rationality, but not animacy</i> .....	276
Ben Deen, Rebecca Saxe	

<i>The Role of Linguistic Labels in Infants' Categorization: An Eye Tracking Study</i> .....	282
Sophia Deng, Vladimir Sloutsky	
<i>Learning Deterministic Causal Networks from Observational Data</i> .....	288
Ben Devereitt, Charles Kemp	
<i>Enhanced Performance for Recognition of Irrelevant Target-Aligned Auditory Stimuli: Unimodal and Cross-modal Considerations</i> .....	294
Andrew Dewald, Scott Sinnett	
<i>The semantic structure of sensory vocabulary in an African language</i> .....	300
Mark Dingemanse, Asifa Majid	
<i>The Sound of Thickness: Prelinguistic Infants' Associations of Space and Pitch</i> .....	306
Sarah Dolscheid, Sabine Hunnius, Daniel Casasanto, Asifa Majid	
<i>What explains variability in brain regions associate with Theory of Mind in a large sample of neurotypical adults and adults with ASD?</i> .....	312
Nicholas Dufour, Elizabeth Redcay, Liane Young, Penelope Mavros, Joseph Moran, Christina Triantafyllou, John Gabrieli, Rebecca Saxe	
<i>Explanations of Counterfactual Inferences</i> .....	318
Brian Edwards, Lance Rips	
<i>Learning Conceptual Hierarchies by Iterated Relational Consolidation</i> .....	324
James Foster, Fabian Canas, Matt Jones	
<i>"Eyes Closed" and "Eyes Open" Expectations Guide Fixations in Real-World Search</i> .....	330
Tom Foulsham	
<i>Maximum utility unitary coherent perception vs. the Bayesian brain</i> .....	336
Charles Fox, Tom Stafford	
<i>Measuring children's visual access to social information using face detection</i> .....	342
Michael Frank	
<i>The Effects of Feedback During Exploration Depend on Prior Knowledge</i> .....	348
Emily Fyfe, Bethany Rittle-Johnson	
<i>Children's Inferences in Generalizing Novel Nouns and Adjectives</i> .....	354
Annie Gagliardi, Erin Bennett, Jeffrey Lidz, Naomi H. Feldman	
<i>When Suboptimal Behavior is Optimal and Why: Modeling the Acquisition of Noun Classes in Tsez</i> .....	360
Annie Gagliardi, Naomi H. Feldman, Jeffrey Lidz	
<i>Verbal Satiation of Chinese Bisyllabic Words: A Semantic Locus and its Time Course</i> .....	366
Bruno Galmar, Jenn-Yeu Chen	
<i>Online learning of causal structure in a dynamic game situation</i> .....	372
Yue Gao, Eyal Nitzany, Shimon Edelman	
<i>Noisy Newtons: Unifying process and dependency accounts of causal attribution</i> .....	378
Tobias Gerstenberg, Noah Goodman, David Lagnado, Joshua Tenenbaum	
<i>Explaining children's failure in analogy making tasks: A problem of focus of attention?</i> .....	384
Yannick Glady, Jean-Pierre Thibaut, Bob French, Agnes Blaye	

<i>Knowledge and implicature: Modeling language understanding as social cognition</i> .....	390
Noah Goodman, Andreas Stuhlmüller	
<i>Analogical Problem Solving: Insights from Verbal Reports</i> .....	396
Linn Gralla, Thora Tenbrink, Michael Siebers, Ute Schmid	
<i>Comparing the inductive biases of simple neural networks and Bayesian models</i> .....	402
Thomas Griffiths, Joseph Austerweil, Vincent Berthiaume	
<i>Cooperation in Prisoner's Dilemma Game: Influence of Social Relations</i> .....	408
Maurice Grinberg, Evgenia Hristova, Milena Borisova	
<i>Evaluating the Relationship Between Neuropsychological Function and Cognitive Performance</i> ....	414
Glenn Gunzelmann, L. Richard Moore	
<i>The Interplay between Feature-Saliency and Feedback Information in Visual Category Learning Tasks</i> .....	420
Rubi Hammer, Vladimir Sloutsky, Kalanit Grill-Spector	
<i>Self-Terminated vs. Experimenter-Terminated Memory Search</i> .....	426
J. Isaiah Harbison, Erika Hussey, Michael Dougherty, Eddy Davelaar	
<i>The use of ACT-R to develop an attention model for simple driving tasks</i> .....	432
Kerstin Sophie Haring, Marco Ragni, Lars Konieczny, Katsumi Watanabe	
<i>Testing the Split Attention Effect on Learning in a Natural Educational Setting Using an Intelligent Tutoring System for Geometry</i> .....	438
Robert Hausmann, Annalies Vuong	
<i>The effect of "Maverick": A study of Group Dynamics on Breakthrough in Collaborative Problem solving</i> .....	444
Yugo Hayashi	
<i>Tightening up Joke Structure: Not by Length Alone</i> .....	450
Christian F. Hempelmann, Julia M. Taylor, Victor Raskin	
<i>Logical or Pragmatic, as Long as it Suits our Convenience: Scalar Inferences in a Pro-and Contra-attitudinal Context</i> .....	456
Tom Heyman, Walter Schaeken, Katrijn Pipijn	
<i>Do repeated references result in sign reduction?</i> .....	461
Marieke Hoetjes, Emiel Krahmer, Marc Swerts	
<i>When gestures catch the eye: The influence of gaze direction on co-speech gesture comprehension in triadic communication</i> .....	467
Judith Holler, Spencer Kelly, Peter Hagoort, Asli Ozyurek	
<i>Learning from speaker word choice by assuming adjectives are informative</i> .....	473
Alexandra Horowitz, Michael Frank	
<i>Finishing each other's . . . Responding to incomplete contributions in dialogue</i> .....	479
ChrIstine Howes, Patrick G. T. Healey, Matthew Purver, Arash Eshghi	
<i>Identifying representations of categories of discrete items using Markov chain Monte Carlo with People</i> .....	485
Anne Hsu, Jay Martin, Adam Sanborn, Tom Griffiths	

<i>Social Networks are Encoded in Language</i> .....	491
Sterling Hutchinson, Vivek Datla, Max Louwerse	
<i>Memory Indexing of Sequential Symptom Processing in Diagnostic Reasoning</i> .....	497
Georg Jahn, Janina Braatz	
<i>Gestures Alter Thinking About Time</i> .....	503
Azadeh Jamalian, Barbara Tversky	
<i>The Role of Task Characteristics in Children’s Scalar Implicature Production</i> .....	509
Leen Janssens, Walter Schaeken	
<i>Learning What is Where from Social Observations</i> .....	515
Julian Jara-Ettinger, Chris Baker, Joshua Tenenbaum	
<i>Generalization of Learning in Games of Strategic Interaction</i> .....	521
Ion Juvina, Christian Lebiere, Cleotilde Gonzalez, Muniba Saleem	
<i>Actively Learning Nouns Across Ambiguous Situations</i> .....	527
George Kachergis, Chen Yu, Richard Shiffrin	
<i>Learning Nouns with Domain-General Associative Learning Mechanisms</i> .....	533
George Kachergis	
<i>Testing a Distinctiveness Explanation of the Primacy Effect in Free Recall Using Event-Related Potentials</i> .....	539
Siri-Maria Kamp, Glen R. Forester, Anthony R. Murphy, Ty Brumback, Emanuel Donchin	
<i>Modeling Learning of Relational Abstractions via Structural Alignment</i> .....	545
Subu Kandaswamy, Kenneth Forbus	
<i>From Hands to Minds: Gestures Promote Action Understanding</i> .....	551
Seokmin Kang, Barbara Tversky, John Black	
<i>An experimental investigation of consistency of explanation and graph representation</i> .....	557
Nana Kanzaki, Kazuhisa Miwa	
<i>The Influence of Virtual Agents’ Gender and Rapport on Enhancing Math Performance</i> .....	563
Bilge Karacora, Morteza Dehghani, Nicole Krämer-Mertens, Jonathan Gratch	
<i>A tripartite trans-modal relationship among sounds, shapes and emotions: A case of abrupt modulation</i> .....	569
Shigeto Kawahara, Kazuko Shinohara	
<i>Negating compound sentences</i> .....	575
Sangeet Khemlani, Isabel Orenes, Philip N. Johnson-Laird	
<i>mReactr: A computational theory of deductive reasoning</i> .....	581
Sangeet Khemlani, Greg Trafton	
<i>The Specificity of Online Variation in Speech Production</i> .....	587
Christo Kirov, Colin Wilson	
<i>Running it through the body</i> .....	593
David Kirsh	

<i>A belief-updating model of adaptation and cue combination in syntactic comprehension</i> .....	599
Dave F. Kleinschmidt, Alex B. Fine, T. Florian Jaeger	
<i>A continuum of phonetic adaptation: Evaluating an incremental belief-updating model of recalibration and selective adaptation</i> .....	605
Dave F. Kleinschmidt, T. Florian Jaeger	
<i>ERP Responses to Violations in Japanese Verb Conjugation Patterns</i> .....	611
Yuki Kobayashi, Yoko Sugioka, Takane Ito	
<i>Event Segmentation of Agent Interactions: Comparing the Whole with Its Parts</i> .....	617
Bryan Koenig, Bryan Koenig, David Pautler, Jonathan Herberg, Kum Seong Wan, Brian Monroe, Brian Monroe, Edwin Wirawan	
<i>Thinking in Patterns: using multi-voxel pattern analyses to find neural correlates of moral judgment in neurotypical and ASD populations</i> .....	623
Jorie Koster-Hale, James Dungan, Rebecca Saxe, Liane Young	
<i>A Unified Model of Categorical Effects in Consonant and Vowel Perception</i> .....	629
Yakov Kronrod, Emily Coppess, Naomi Feldman	
<i>Early and Repeated Exposure to Examples Improves Creative Work</i> .....	635
Chinmay Kulkarni, Steven Dow, Scott Klemmer	
<i>Role of Error Monitoring Mechanisms in Attribution of Sense of Self-Agency</i> .....	641
Neeraj Kumar, Jaison A. Manjaly, Krishna P. Miyapuram	
<i>Pragmatic interpretation of contrastive prosody: It looks like speech adaptation</i> .....	647
Chigusa Kurumada, Meredith Brown, Michael Tanenhaus	
<i>A Graph-Oriented Approach to Measuring Expertise- Detecting Structural Differences between Experts and Intermediates</i> .....	653
Andreas Lachner, Johannes Gurlitt, Matthias Nückles	
<i>Concept learning as motor program induction: A large-scale empirical study</i> .....	659
Brenden Lake, Ruslan Salakhutdinov, Joshua Tenenbaum	
<i>How many kinds of reasoning? Inference, probability, and natural language semantics</i> .....	665
Daniel Lassiter, Noah Goodman	
<i>A Behavioral Investigation of Dimensionality Reduction</i> .....	671
Joshua Lewis, Laurens van der Maaten, Virginia de Sa	
<i>Modeling Melodic Perception as Relational Learning Using a Symbolic-Connectionist Architecture (DORA)</i> .....	677
Ahnate Lim, Leonidas Doulas, Scott Sinnett	
<i>The persisting benefits of using multiple-choice tests as learning events</i> .....	683
Jeri Little, Elizabeth Ligon Bjork	
<i>The perception of simplified and traditional Chinese characters in the eye of simplified and traditional Chinese readers</i> .....	689
Tianyin Liu, Janet Hsiao	



<i>The Chinese Route Argument: Predicting the Longitude and Latitude of Cities in China and the Middle East Using Statistical Linguistic Frequencies</i> .....	695
Max Louwerse, Sterling Hutchinson, Zhiqiang Cai	
<i>Modeling Multiple Strategies for Solving Geometric Analogy Problems</i> .....	701
Andrew Lovett, Kenneth Forbus	
<i>A unified theory of counterfactual reasoning</i> .....	707
Christopher Lucas, Charles Kemp	
<i>Superspace extrapolation reveals inductive biases in function learning</i> .....	713
Christopher Lucas, Douglas Sterling, Charles Kemp	
<i>Does the utility of information influence sampling behavior?</i> .....	719
Doug Markant, Todd Gureckis	
<i>One piece at a time: Learning complex rules through self-directed sampling</i> .....	725
Doug Markant, Todd Gureckis	
<i>Shallow learning as a pathway for successful learning both for tutors and tutees</i> .....	731
Noboru Matsuda, Evelyn Yarzebinski, Victoria Keiser, Rohan Raizada, William W. Cohen, Gabriel Stylianides, Kenneth R. Koedinger	
<i>Going with TRACE beyond Infant Mispronunciation Studies: Lexical Networks and Phoneme Competition</i> .....	737
Julien Mayor, Kim Plunkett	
<i>Causal Status meets Coherence: The Explanatory Role of Causal Models in Categorization</i> .....	743
Ralf Mayrhofer, Anselm Rothe	
<i>Sparse category labels obstruct generalization of category membership</i> .....	749
John V. McDonnell, Carol A. Jew, Todd M. Gureckis	
<i>Automated and Partner-Specific Factors Influencing Lexical Entrainment</i> .....	755
Lisette Mol, Rens Bogers, Tommy Bouwens	
<i>Gesture structure affects syntactic structure in speech</i> .....	761
Lisette Mol, Sotaro Kita	
<i>Modeling Millisecond Time Interval Estimation in Space Fortress Game</i> .....	767
Jungaa Moon, John Anderson	
<i>The Role of Gesture in Second Language Learning: Communication, Acquisition, &amp; Retention</i> ...	773
Laura Morett, Ray Gibbs, Brian MacWhinney	
<i>The Role of Imitation in Generating a Shared Communication System</i> .....	779
Junya Morita, Takeshi Konno, Takashi Hashimoto	
<i>Force Dynamics as a Basis for Moral Intuitions</i> .....	785
Jonas Nagel, Michael Waldmann	
<i>Preservation of the Initial Analysis in Absence of Pragmatic Inference with Japanese Relative Clause Sentences</i> .....	791
Chie Nakamura, Manabu Arai	

<i>The Role of the Amygdala in the Process of Humour Appreciation</i> .....	797
Tagiru Nakamura, Tomoko Matsui, Akira Utsumi, Mika Yamazaki, Kai Makita, Hiroki C. Tanabe, Norihiro Sadato	
<i>The Footbridge Dilemma Reflects More Utilitarian Thinking Than The Trolley Dilemma: Effect Of Number Of Victims In Moral Dilemmas</i> .....	803
Kuninori Nakamura	
<i>Anticipating changes: Adaptation and extrapolation in category learning</i> .....	809
Daniel Navarro, Amy Perfors	
<i>Language-induced Biases on Human Sequential Learning</i> .....	815
Luca Onnis, EriK Thiessen	
<i>Semantic Coherence Facilitates Distributional Learning of Word Meanings</i> .....	821
Long Ouyang, Lera Boroditsky, Michael Frank	
<i>Grounding spatial language in non-linguistic cognition: Evidence for universal and relative spatial semantics in thought</i> .....	827
Michael Pacer, Alexandra Carstensen, Terry Regier	
<i>Elements of a rational framework for continuous-time causal induction</i> .....	833
Michael Pacer, Tom Griffiths	
<i>Musicians are better at learning non-native sound contrasts even in non-tonal languages</i> .....	839
Amy Perfors, Jia Hoong Ong	
<i>Probability matching vs over-regularization in language: Participant behavior depends on their interpretation of the task</i> .....	845
Amy Perfors	
<i>An Operational Model of Joint Attention - Timing of Gaze Patterns in Interactions between Humans and a Virtual Human</i> .....	851
Nadine Pfeiffer-Lessmann, Thies Pfeiffer, Ipke Wachsmuth	
<i>Manipulating Manner: Semantic Representations of Human Locomotion Verbs in English and German</i> .....	857
Katherine Phelps, Steve Duman	
<i>"Less is More" in Bayesian Word Segmentation: When cognitively plausible learners outperform the ideal</i> .....	863
Lawrence Phillips, Lisa Pearl	
<i>Categorial compositionality continued (further): A category theory explanation for the systematicity of recursive cognitive capacities</i> .....	869
Steven Phillips, William Wilson	
<i>Modeling Concept Activation in Working Memory during Online Sentence Processing</i> .....	875
Patrick Plummer, Hsueh-Cheng Wang, Marc Pomplun, Yuhtsuen Tzeng, Keith Rayner	
<i>Exploring the Role of Representation in Models of Grammatical Category Acquisition</i> .....	881
Ting Qian, Patricia Reeder, Richard Aslin, Joshua Tenenbaum, Elissa Newport	
<i>Acoustic analysis supports the existence of a single distributional learning mechanism in structural rule learning from an artificial language</i> .....	887
Okko Räsänen, Heikki Rasilo	

<i>Optimally Designing Games for Cognitive Science Research</i> .....	893
Anna Rafferty, Matei Zaharia, Thomas Griffiths	
<i>Cognitive Workload and the Motor Component of Visual Attention</i> .....	899
Jason Ralph, Wayne Gray, Mike Schoelles	
<i>Order effects in diagnostic reasoning with four candidate hypotheses</i> .....	905
Felix G. Rebitschek, Agnes Scholz, Franziska Bocklisch, Josef F. Krems, Georg Jahn	
<i>Gaze cues in complex, real-world scenes direct the attention of high-functioning adults with autism</i>	911
Elizabeth Redcay, Daniel R O'Young, Lloyd R Slevc, Penelope L Mavros, John D Gabrieli, Pawan Sinha	
<i>Examining the Representation and Understanding of Large Magnitudes Using the Hierarchical Alignment model of Analogical Reasoning</i> .....	917
Ilyse Resnick, Thomas Shipley, Nora Newcombe, Christine Massey, Theodore Wills	
<i>The Development of Joint Belief-Desire Inferences</i> .....	923
Hilary Richardson, Chris Baker, Joshua Tenenbaum, Rebecca Saxe	
<i>Expectations About the Temporal Structure of the World Result in the Attentional Blink and Repetition Blindness</i> .....	929
Cory Rieth, Edward Vul	
<i>Relating Activity Contexts to Early Word Learning in Dense Longitudinal Data</i> .....	935
Brandon Roy, Michael Frank, Deb Roy	
<i>Modeling Cognition: How Fiction Relates to Fact</i> .....	941
Anna-Mari Rusanen, Otto Lappi	
<i>Role of Kolmogorov Complexity on Interest in Moral Dilemma Stories</i> .....	947
Antoine Saillenfest, Jean-Louis Dessalles	
<i>Using Concept Map to Evaluate Learning by Searching</i> .....	953
Hitomi Saito, Yuka Egusa, Masao Takaku, Makiko Miwa, Noriko Kando	
<i>Towards a cognitive science of literary style: Perspective-taking in processing omniscient versus objective voice</i> .....	959
Manami Sato, Hiromu Sakai, Jennifer Wu, Benjamin Bergen	
<i>Beyond one's own understanding: How text comprehensibility affects laypeople's decision about scientific claims</i> .....	965
Lisa Scharrer, M. Anne Britt, Marc Stadtler, Rainer Bromme	
<i>Subjective Confidence of Acoustic and Phonemic Representations During Speech Perception</i> .....	971
Jordan Schoenherr, John Logan, Amy Winchester	
<i>Enough is enough: Inductive sufficiency guides learners' ratings of informant helpfulness</i> .....	977
Patrick Shafto, Hyowon Gweon, Chris Fargen, Laura Schulz	
<i>Investigating the Locus of the Word Frequency Effect in Spoken Word Recognition</i> .....	983
Cynthia Siew, Melvin Yap, Winston Goh	
<i>Zero anaphora and object reference in Japanese child-directed speech</i> .....	989
Cybelle Smith, Michael Frank	

<i>Sources of uncertainty in intuitive physics</i> .....	995
Kevin Smith, Edward Vul	
<i>Change detection under autocorrelation</i> .....	1001
Maarten Speekenbrink, Matthew Twyman, Nigel Harvey	
<i>Using listener gaze to augment speech generation in a virtual 3D environment</i> .....	1007
Maria Staudte, Alexander Koller, Konstantina Garoufi, Matthew Crocker	
<i>The effect of metabolic loading on statistical learning</i> .....	1013
David Stevens, Joanne Arciuli, David Anderson, Mark Williams	
<i>Spaun: A Perception-Cognition-Action Model Using Spiking Neurons</i> .....	1018
Terrence Stewart, Feng-Xuan Choo, Chris Eliasmith	
<i>Perception of Randomness: Subjective Probability of Alternation</i> .....	1024
Yanlong Sun, Hongbin Wang	
<i>Time Course of Inhibitory Control During Analogical Reasoning: An Event-Related Potential Approach</i> .....	1030
Brian Sweis, Krishna Bharani, Robert Morrison	
<i>Effects of explicit knowledge on transfer of visuomotor sequence learning</i> .....	1036
Kanji Tanaka, Katsumi Watanabe	
<i>Spontaneous body movements in spatial cognition</i> .....	1042
Sergiu Tcaci Popescu, Mark Wexler	
<i>Auditory Saliency Using Natural Statistics</i> .....	1048
Tomoki Tsuchida, Garrison Cottrell	
<i>A Multi-Measure Analysis of Context Effects in Multi-Attribute Decision Making: Examining the Similarity, Attraction, and Compromise Effects</i> .....	1054
Takashi Tsuzuki, Jerome Busemeyer	
<i>Mental Arithmetic Efficiency: Interactivity and Individual Differences</i> .....	1060
Frederic Vallee-Tourangeau	
<i>Conceptual alignment in reference with artificial and human dialogue partners</i> .....	1066
Koen van Lierop, Martijn Goudbeek, Emiel Krahmer	
<i>Neural Circuits for Any-Time Phrase Recognition with Applications in Cognitive Models and Human-Robot Interaction</i> .....	1072
Richard Veale, Matthias Scheutz	
<i>An Integrated Model of Associative and Reinforcement Learning</i> .....	1078
Vladislav Veksler, Christopher Myers, Kevin Gluck	
<i>The Impact of Colour Difference and Colour Codability on Reference Production</i> .....	1084
Jette Viethen, Martijn Goudbeek, Emiel Krahmer	
<i>Bayesian Logic and Trial-by-Trial Learning</i> .....	1090
Momme von Sydow, Klaus Fiedler	
<i>Color word learning is a gradual inductive process</i> .....	1096
Katie Wagner, Karen Dobkins, David Barner	

<i>The Role of the Primary Effect in the Assessment of Intentionality and Morality</i> .....	1102
Michael R. Waldmann, Alex Wiegmann	
<i>Children's Causal Learning from Fiction: Assessing the Proximity Between Real and Fictional Worlds</i> .....	1108
Caren M. Walker, Patricia A. Ganea, Alison Gopnik	
<i>Explaining Influences Children's Reliance on Evidence and Prior Knowledge in Causal Induction</i>	1114
Caren M. Walker, Joseph Jay Williams, Tania Lombrozo, Alison Gopnik	
<i>An Abductive Approach to Covert Interventions</i> .....	1120
Hongbin Wang, Yanlong Sun	
<i>Choosing quantity over quality: syntax guides interpretive preferences for novel superlatives</i> .....	1126
Alexis Wellwood, Darko Odic, Justin Halberda, Jeffrey Lidz	
<i>Expertise and the Wisdom of Crowds: Whose Judgments to Trust and When</i> .....	1131
Matthew Welsh	
<i>Complex First? On the Priority of Nouns in Language Acquisition and Evolution</i> .....	1137
Markus Werning	
<i>Order Effects in Moral Judgment. Searching for an Explanation</i> .....	1143
Alex Wiegmann, Yasmina Okan	
<i>Explaining increases belief revision in the face of (many) anomalies</i> .....	1149
Joseph Jay Williams, Caren Walker, Tania Lombrozo	
<i>Olfaction in a hunter-gatherer society: Insights from language and culture</i> .....	1155
Ewelina Wnuk, Asifa Majid	
<i>Learning (to Learn) from Spatial Attention Cues During Infancy</i> .....	1161
Rachel Wu, Natasha Kirkham	
<i>Adaptive Information Search and Decision Making over Single and Repeated Plays</i> .....	1167
Dirk U. Wulff, Thomas T. Hills, Ralph Hertwig	
<i>Stable Self-to-Object Spatial Relations Acquired from Sequential Spatial Learning</i> .....	1173
Chengli Xiao, Fudan Chen	
<i>Mutual Affects in Computer-mediated Collaborative Learning: Positive Feelings Shared by Collaborators Enhance System Evaluations</i> .....	1179
Takashi Yamauchi, Takehiko Ohno, Momoko Nakatani, Yoichi Kato, Art Markman	
<i>Implicit Learning: A Demonstration and a Novel SRT Paradigm</i> .....	1185
Fayme Yeates, Fergal Jones, Andy Wills, Mike Aitken, Ian P. L. McLaren	
<i>The Effect of Semantic Similarity is a Function of Contextual Constraint</i> .....	1191
Hongoak Yun, Gail Mauner, Douglas Roland, Jean-Pierre Koenig	
<i>Mutual Exclusivity and Vocabulary Development</i> .....	1197
Daniel Yurovsky, Ricardo Bion, Linda Smith, Anne Fernald	
<i>Quantitative Linking Hypotheses for Infant Eye Movements</i> .....	1203
Daniel Yurovsky, Shohei Hidaka, Rachel Wu	

<i>Does Statistical Word Learning Scale? It's a Matter of Perspective</i> .....	1209
Daniel Yurovsky, Linda Smith, Chen Yu	
<i>Inferring Covert Events in Logical Metonymies: a Probe Recognition Experiment</i> .....	1215
Alessandra Zarcone, Sebastian Pado, Alessandro Lenci	
<i>Sparse Population Code Models of Word Learning in Concept Drift</i> .....	1221
Byoung-Tak Zhang, Jung-Woo Ha, Myunggu Kang	
<i>The role of recent versus future events in children's comprehension of referentially ambiguous sentences: Evidence from eye tracking</i> .....	1227
Lu Zhang, Lily Kornbluth, Pia Knoeferle	
<i>Updating: Learning versus supposing</i> .....	1233
Jiaying Zhao, Vincenzo Crupi, Katya Tentori, Branden Fitelson, Daniel Osherson	

### Publication-Based Talks

<i>Humor, Emotions and Communication: Human-like Issues of Human-Computer Interactions</i> ...	1238
Pawel Dybala, Kohichi Sayama	
<i>Meta-Representational Competence as an Aspect of Spatial Intelligence</i> .....	1240
Mary Hegarty	

### Posters

<i>Rationality-Guided AGI as Cognitive Systems</i> .....	1242
Ahmed M. H. Abdel-Fattah, Tarek R. Besold, Helmar Gust, Ulf Krumnack, Martin Schmidt, Kai-Uwe Kühnberger, Pei Wang	
<i>Musical Relevance: a Computational Approach</i> .....	1248
Edoardo Acotto, Daniele Radicioni	
<i>Examining the Connection Between Dynamic and Static Spatial Skills and Video Game Performance</i> .....	1254
Deanne Adams, Rich Mayer	
<i>Erroneous Examples Versus Problem Solving: Can We Improve How Middle School Students Learn Decimals?</i> .....	1260
Deanne Adams, Bruce McLaren, Kelley Durkin, Rich Mayer, Bethany Rittle-Johnson, Seiji Isotani, Martin van Velsen	
<i>A Multi-Category Theory of Intention</i> .....	1266
Henny Admoni, Brian Scassellati	
<i>A Narratological Approach for Narrative Discourse: Implementation and Evaluation of the System based on Genette and Jauss</i> .....	1272
Taisuke Akimoto, Takashi Ogata	
<i>A Bayesian Model of the Effect of Object Context on Visual Attention</i> .....	1278
Ben Allison, Frank Keller, Moreno I. Coco	
<i>The Theory of Visual Attention without the race: a new model of visual selection</i> .....	1284
Tobias Andersen, Søren Kyllingsbæk	

<i>The Development of Second-order Social Cognition and its Relation with Complex Language Understanding and Memory</i> .....	1290
Burcu Arslan, Annette Hohenberger, Rineke Verbrugge	
<i>Learning of motor maps from perception: a dimensionality reduction approach</i> .....	1296
Ankit Awasthi, Sadbodh Sharma, Amitabha Mukerjee	
<i>Establishing a Database for Studying Human Face Photograph Memory</i> .....	1302
Wilma Bainbridge, Phillip Isola, Idan Blank, Aude Oliva	
<i>The Representation and Processing of Tense, Aspect &amp; Voice across Verbal Elements in English</i>	1308
Jerry Ball, Christopher Myers	
<i>Cognitive reserve and intelligence: Modulating the effects of damage in ageing dynamical systems</i>	1314
Frank Baughman, Natalie Baughman, Simon Mills	
<i>Verb omission errors: Evidence of rational processing of noisy language inputs</i> .....	1320
Leon Bergen, Roger Levy, Edward Gibson	
<i>Gestural Alignment in Natural Dialogue</i> .....	1326
Kirsten Bergmann, Stefan Kopp	
<i>E Pluribus Multa In Unum: The Rationality Multiverse</i> .....	1332
Tarek R. Besold, Kai-Uwe Kühnberger	
<i>The Role of Semantic Transparency in the Processing of Verb-particle Constructions by French-English Bilinguals</i> .....	1338
Mary-Jane Blais, Laura Gonnerman	
<i>Perception of Ambiguous Drawings and the Construction and Inhibition of its Alternative Interpretation – Reflections on Consciousness</i> .....	1344
Svetoslav Bliznashki, Maria Popova, Boicho Kokinov	
<i>Changes in Foreign Language Skills Over Time</i> .....	1350
Amber Bloomfield, Megan Masters, Steven Ross, Stephen O’Connell, Kassandra Gynther	
<i>Look-Ahead Monte Carlo with People</i> .....	1356
Charles Blundell, Adam Sanborn, Tom Griffiths	
<i>A Study of Loan Color Terms Collocation in Modern Japanese</i> .....	1362
Anna Bordilovskaya	
<i>Intelligibility is Necessary for Scientific Explanation, but Accuracy May Not Be</i> .....	1368
Mike Braverman, John Clevenger, Ian Harmon, Andrew Higgins, Zachary Horne, Joseph Spino, Jonathan Waskan	
<i>Real-time expectations based on context speech rate can cause words to appear or disappear</i> .....	1374
Meredith Brown, Laura C. Dilley, Michael K. Tanenhaus	
<i>Metrical expectations from preceding prosody influence spoken word recognition</i> .....	1380
Meredith Brown, Anne Pier Salverda, Laura C. Dilley, Michael K. Tanenhaus	
<i>Eliciting a Sensemaking Process from Verbal Protocols of Reverse Engineers</i> .....	1386
Adam Bryant, Robert Mills, Gilbert Peterson, Michael Grimaila	

<i>Cooing, Crying, and Babbling: A Link between Music and Prelinguistic Communication</i> .....	1392
Michael Byrd, Casady Bowman, Takashi Yamauchi	
<i>Mothers Do Not Drive Structure in Adult Homesign Systems: Evidence from Comprehension</i> ...	1398
Emily Carrigan, Marie Coppola	
<i>Information Foraging in the Unknown Patches across the Life Span</i> .....	1404
Jessie Chin, Brennan Payne, Andrew Battles, Wai-Tat Fu, Daniel Morrow, Elizabeth Stine-Morrow	
<i>Connectivity Asymmetry Can Explain Visual Hemispheric Asymmetries in Local/Global, Face, and Spatial Frequency Processing</i> .....	1410
Benjamin Cipollini, Janet Hsiao, Garrison Cottrell	
<i>The face inversion effect and evoked brain potentials: Complete loss of configural information affects the N170</i> .....	1416
Ciro Civile, Heike Elchlepp, Rossy McLaren, Aureliu Lavric, Ian P. L. McLaren	
<i>Face recognition and brain potentials: Disruption of configural information reduces the face inversion effect.</i> .....	1422
Ciro Civile, Heike Elchlepp, Rossy McLaren, Aureliu Lavric, Ian P. L. McLaren	
<i>Strength of Perceptual Experience Predicts Word Processing Performance Better than Concreteness or Imageability</i> .....	1428
Louise Connell, Dermot Lynott	
<i>Learning of Relational Categories as a Function of Higher-Order Structure</i> .....	1434
Daniel Corral, Matt Jones	
<i>Gaussian Process Regression for Trajectory Analysis</i> .....	1440
Gregory Cox, George Kachergis, Richard Shiffrin	
<i>Mathematical Modeling of a Biological Odometry</i> .....	1446
Somayeh Danafar	
<i>Solving nonogram puzzles by reinforcement learning</i> .....	1452
Frederic Dandurand, Denis Cousineau, Thomas R. Shultz	
<i>Rational Search of Associative Memory</i> .....	1458
Eddy Davelaar, J. Isaiah Harbison, Erica Yu, Erika Hussey, Michael Dougherty	
<i>Strong structure in weak semantic similarity: A graph based account</i> .....	1464
Simon de Deyne, Daniel Navarro, Amy Perfors, Gert Storms	
<i>Conceptual Event Units of Putting and Taking in Two Unrelated Languages</i> .....	1470
Rebecca Defina, Asifa Majid	
<i>Interpersonal Effects of Emotions in Morally-charged Negotiations</i> .....	1476
Morteza Dehghani, Jonathan Gratch, Peter Carnevale	
<i>Using Accent to Induce Cultural Frame-Switching</i> .....	1482
Morteza Dehghani, Peter Khooshabeh, Lixing Huang, Angela Nazarian, Jonathan Gratch	
<i>How Function Assignment and Word Order are Determined: Evidence from Structural Priming Effects in Japanese Sentence Production</i> .....	1488
Ying Deng, Hajime Ono, Hiromu Sakai	



<i>A Window of Perception When Diverting Attention? Enhancing Recognition For Explicitly Presented, Unattended, and Irrelevant Visual Stimuli by Target Alignment</i> .....	1494
Andrew Dewald, Scott Sinnett	
<i>A Computational Logic Approach to the Suppression Task</i> .....	1500
Emmanuelle-Anna Dietz, Steffen Hölldobler, Marco Ragni	
<i>Confidence in Causal Inferences: The Case of Devaluation</i> .....	1506
Uwe Drewitz, Stefan Brandenburg	
<i>Spatial Co-ordination in Music Tuition</i> .....	1512
Sam Duffy, Patrick G. T. Healey	
<i>Increased Vigilance in Monitoring Others' Mental States During Deception</i> .....	1518
Nicholas Duran, Rick Dale	
<i>Mining Relatedness Graphs for Data Integration</i> .....	1524
Jeremy Engle, Ying Feng, Robert Goldstone	
<i>Stochastic Naming Game and Self-constraining Nature of Synonymy</i> .....	1530
Kerem Eryilmaz, Cem Bozşahin	
<i>Learning unattested languages</i> .....	1536
Sara Finley	
<i>Systemic Expertise: Instructing Non-Artists on Depicting Human Figures in 3-D</i> .....	1542
Nick Flor	
<i>Task switching without knowledge of the tasks.</i> .....	1548
Charlotte Forrest, Heike Elchlepp, Stephen Monsell, Ian P. L. McLaren	
<i>Early effects of word surprisal on pupil size during reading</i> .....	1554
Stefan Frank, Robin Thompson	
<i>The Plausibility of Semantic Properties Generated by a Distributional Model: Evidence from a Visual World Experiment</i> .....	1560
Diego Frassinelli, Frank Keller	
<i>Concepts in context: Evidence from a feature-norming study</i> .....	1566
Diego Frassinelli, Alessandro Lenci	
<i>Learning transfer in small group coordination</i> .....	1572
Seth Frey	
<i>Society Functions Best with an Intermediate Level of Creativity</i> .....	1578
Liane Gabora, Hadi Firouzi	
<i>Does domain size impact speech onset time during reference production?</i> .....	1584
Albert Gatt, Roger P. G. van Gompel, Emiel Krahmer, Kees van Deemter	
<i>Ping Pong in Church: Productive use of concepts in human probabilistic inference</i> .....	1590
Tobias Gerstenberg, Noah Goodman	
<i>Speech Act Recognition in Conversation: Experimental Evidence</i> .....	1596
Rosa Gisladdottir, Dorothee Chwilla, Herbert Schriefers, Stephen Levinson	

<i>Towards historical cognitive science: the case of Ancient Greece</i> .....	1602
Vladimir Glebkin	
<i>Development of Category-Based Reasoning in Preschool-Age Children: Preliminary Results of a Longitudinal Study</i> .....	1608
Karrie Godwin, Bryan Matlen, Anna Fisher	
<i>Is that your final answer? The effects of neutral queries on children's choices</i> .....	1614
Aaron Gonzalez, Patrick Shafto, Elizabeth Baraff Bonawitz, Alison Gopnik	
<i>Abstract language comprehension is incrementally modulated by non-referential spatial information: evidence from eye-tracking</i> .....	1620
Ernesto Guerra, Pia Knoeferle	
<i>Trading in a multiplayer board game: Towards an analysis of non-cooperative dialogue</i> .....	1626
Markus Guhe, Alex Lascarides	
<i>The Characteristics of Usability and Users' Eye movements in Searching for Information in a Hierarchically Organized Information Structure</i> .....	1632
Yoshiko Habuchi, Haruhiko Takeuchi	
<i>A time-invariant connectionist model of spoken word recognition</i> .....	1638
Thomas Hannagan, James Magnusson, Jonathan Grainger	
<i>N-back Performance: Comparing Assessment and Training Performance</i> .....	1644
J. Isaiah Harbison, Sharona Atkins, Michael R. Dougherty	
<i>Pedagogical agents that support learning by explaining: Effects of affective feedback</i> .....	1650
Yugo Hayashi, Mariko Matsumoto, Hitoshi Ogawa	
<i>Knowledge and Political Categorization</i> .....	1656
Evan Heit, Stephen Nicholson	
<i>Going to Extremes: The influence of unsupervised categories on the mental caricaturization of faces and asymmetries in perceptual discrimination</i> .....	1662
Andrew Hendrickson, Paulo Carvalho, Robert Goldstone	
<i>Re-learning labeled categories reveals structured representations</i> .....	1668
Andrew Hendrickson, George Kachergis, Caitlin Fausey, Robert Goldstone	
<i>A Matter of Process Accuracy: Observing or Inferring the Criterion of Few or Many Exemplars</i>	1674
Maria Henriksson	
<i>Identifying Kinematic Cues for Action Style Recognition</i> .....	1679
Shohei Hidaka	
<i>The Atoms of Cognition: A Theory of Ground Epistemics</i> .....	1685
Seng Beng Ho	
<i>Simple heuristic or knowledge-based inference? Model comparison of binary choice inference</i> ....	1691
Hidehito Honda, Toshihiko Matsuka	
<i>Whose turn is it anyway? Same- and cross-person compound contributions in dialogue</i> .....	1697
Christine Howes, Patrick G. T. Healey, Matthew Purver	

<i>Language acquisition in Down Syndrome from embodied perspective: How body constrains language acquisition?</i> .....	1703
Penka Hristova, Hristina Toushek, Georgi Petkov	
<i>The Upbeat of Language: Linguistic Context and Embodiment Predict Processing Valence Words</i>	1709
Sterling Hutchinson, Max Louwerse	
<i>Knowledge-based Modeling in Dynamic Decision Making</i> .....	1715
Angel Iglesias, M. Dolores del Castillo, J. Ignacio Serrano, Jesus Oliva	
<i>Rapid entrainment to spontaneous speech: A comparison of oscillator models</i> .....	1721
Benjamin Inden, Zofia Malisz, Petra Wagner, Ipke Wachsmuth	
<i>An Empirical Study on the Mechanisms of Creativity in Visual Arts</i> .....	1727
Bipin Indurkha, Shinji Ogawa	
<i>Emergence of control in artistic expressions and the process of expertise</i> .....	1733
Chiaki Ishiguro, Takeshi Okada	
<i>Changes in Cognitive Processes upon Learning Mini-Shogi</i> .....	1739
Takeshi Ito, Daisuke Takano, Xiaohong Wan, Keiji Tanaka	
<i>One-shot lotteries in the park</i> .....	1745
Mordechai Juni, Todd Gureckis, Laurence Maloney	
<i>Children's acquisition of fraction knowledge from concrete versus generic instantiations</i> .....	1750
Jennifer Kaminski, Vladimir Sloutsky	
<i>The Role of Imagination in Augmenting Perceptual Representation</i> .....	1756
Seokmin Kang, Gregory Hallman Jr., John Black	
<i>The effects of amnesia on driving performance in elderly drivers.</i> .....	1762
Naoko Kawano, Kunihiro Iwamoto, Kazutoshi Ebe, Katsuyuki Ukai, Yusuke Suzuki, Hiroyuki Umegaki, Tetsuya Iidaka, Norio Ozaki	
<i>From Vectors to Symbols to Cognition: The Symbolic and Sub-Symbolic Aspects of Vector-Symbolic Cognitive Models</i> .....	1768
Matthew Kelly, Robert West	
<i>Sex Differences in the Discrimination of Non-Native Speech Sounds</i> .....	1774
Vera Kempe, John C. Thoresen, Patricia J. Brooks	
<i>Evaluative feedback can improve deductive reasoning</i> .....	1780
Sangeet Khemlani, Adam Moore	
<i>When doing the wrong thing is right</i> .....	1786
David Kirsh, Richard Caballero, Shannon Cuykendall	
<i>Tests and Models of Non-compositional Concepts</i> .....	1792
Kirsty Kitto, Peter Bruza	
<i>Roles of Self Goal Setting in Insight Problem Solving</i> .....	1798
Sachiko Kiyokawa, Katsuyuki Hayashi, Toshihiko Matsuka	
<i>Differences in eye movements between same and other race face recognition.</i> .....	1804
Eve Klama, Fraser Milton	

<i>Different Stable Patterns between Intra- and Inter-personal Systems: Experimental Study on Inter-limb Tapping Coordination</i> .....	1810
Kentaro Kodama, Ryosaku Makino, Nobuhiro Furuyama	
<i>How Can We Live with Overconfident or Unconfident Systems?: A Comparison of Artificial Subtle Expressions with Human-like Expression</i> .....	1816
Takanori Komatsu, Kazuki Kobayashi, Seiji Yamada, Kotaro Funakoshi, Mikio Nakano	
<i>Effect of Social Skills on the Asymmetry in Facial Expressions</i> .....	1822
Masashi Komori, Hiroko Kamide, Satoru Kawamura, Chika Nagaoka	
<i>Reasoning on the Raven's Advanced Progressive Matrices Test with Iconic Visual Representations</i> .....	1828
Maithilee Kunda, Keith McGregor, Ashok Goel	
<i>Corpus-based metrics for assessing communal common ground</i> .....	1834
Roman Kutlak, Kees van Deemter, Chris Mellish	
<i>Getting off at the end of the line: the estimation of large numbers</i> .....	1840
David Landy, Noah Silbert, Aleah Goldin	
<i>Tangent Point Orientation and Anticipated Trajectory Curvature – A Field Study on the Visual Control of High Speed Steering</i> .....	1846
Otto Lappi, Esko Lehtonen	
<i>Arbitrary Category Labels Can Change Similarity Judgments of Human Faces</i> .....	1852
Frankie Lara, Amanda Hahn, Na-Yung Yu, Takashi Yamauchi	
<i>A Critical Look at the Findings of Sergeant (1982)</i> .....	1858
Lyuben Laskin, Meryl Varadinov	
<i>Neural Correlates of Episodic Memory Formation in Audio-Visual Pairing Tasks</i> .....	1864
Chung-Yeon Lee, Beom-Jin Lee, Joon Shik Kim, Byoung-Tak Zhang	
<i>Human Cluster Evaluation and Formal Quality Measures: A Comparative Study</i> .....	1870
Joshua Lewis, Margareta Ackerman, Virginia de Sa	
<i>Learning Cluster Analysis through Experience</i> .....	1876
Joshua Lewis, Virginia de Sa	
<i>The Physical Presence of a Robot Tutor Increases Cognitive Learning Gains</i> .....	1882
Daniel Leyzberg, Samuel Spaulding, Mariya Toneva, Brian Scassellati	
<i>Designing Better Scaffolding in Simulation-Based Learning Environments Teaching Science Systems: A Pilot Study Report</i> .....	1888
Na Li, John Black, Mengzi Gao	
<i>A New Angle on the EMPATH Model: Spatial Frequency Orientation in Recognition of Facial Expressions</i> .....	1894
Rentao Li, Garrison Cottrell	
<i>Learning Image-Derived Eye Movement Patterns to Characterize Perceptual Expertise</i> .....	1900
Rui Li, Jeff Pelz, Pengcheng Shi, Anne Haake	

<i>Multimodal Temporal Perception in Musicians: Evidence for Both Segregated and Supramodal Attentional Systems?</i> .....	1906
Ahnate Lim, Scott Sinnett	
<i>Reexamining Visual Orientation Anisotropies: A Bias Towards Simple Horizontal Stimuli on Temporal Order Judgments</i> .....	1912
Ahnate Lim, Scott Sinnett	
<i>A Bayesian Model of Rule Induction in Raven's Progressive Matrices</i> .....	1918
Daniel R. Little, Stephan Lewandowsky, Thomas L. Griffiths	
<i>Easing and rising of tension from presence of others in player-observer turn-taking in a driving video game: A near-infrared spectroscopy study</i> .....	1924
Tao Liu, Hirofumi Saito, Misato Oi, Matthew Pelowski	
<i>Intentionality of Strong Anticipation in Motor Behaviors</i> .....	1930
Daniel Hsi-wen Liu	
<i>Is embodied cognition infallible or falsifiable? Investigating the thesis as a sound scientific theory</i>	1936
Katherine Livins, Leonidas Doumas	
<i>Natural language – no infinity and probably no recursion</i> .....	1942
Erkki Luuk, Hendrik Luuk	
<i>Modelling the IAT: Implicit Association Test Reflects Shallow Linguistic Environment and not Deep Personal Attitudes</i> .....	1948
Dermot Lynott, Himanshu Kansal, Louise Connell, Kerry O'Brien	
<i>External Working Memory and the Amount of Distributed Cognition</i> .....	1954
Naoki Maeda	
<i>Experimental Investigation of Relationship between Complacency and Tendency to Use Automation System</i> .....	1960
Akihiro Maehigashi, Kazuhisa Miwa, Hitoshi Terai, Kazuaki Kojima, Junya Morita	
<i>Inductive reasoning in the courtroom: Judging guilt based on uncertain evidence</i> .....	1966
Ann Martin, Brett Hayes	
<i>Elaborate Descriptive Information in Indoor Route Instructions</i> .....	1972
Vivien Mast, Cui Jian, Desislava Zhekova	
<i>Connectionist Model Accounting for Retardation of Cognitive-Dissonance Reduction Caused by Attention-Focus Switching</i> .....	1978
Takao Matsumoto	
<i>Investigation of effects of working memory capacity on rule discovery process using eye movement data</i> .....	1984
Miki Matsumuro, Kazuhisa Miwa	
<i>How many Neurons for your 'Grandmother' ? Three Arguments for 'Localised' Representations</i>	1990
Julien Mayor, Kim Plunkett	
<i>Probabilistic generative models for counterfactual reasoning and blame attribution</i> .....	1996
John McCoy, Tomer Ullman, Andreas Stuhlmüller, Tobias Gerstenberg, Joshua Tenenbaum	

<i>Modeling online word segmentation performance in structured artificial languages</i> .....	2002
Stephan Meylan, Chigusa Kurumada, Mike Frank, Benjamin Börschinger, Mark Johnson	
<i>Tradeoff between Problem-solving and Learning Goals: Two Experiments for Demonstrating Assistance Dilemma</i> .....	2008
Kazuhisa Miwa, Hitoshi Terai, Ryuichi Nakaike	
<i>A Quantum Probability-theoretic account of human judgment using Positive-Operator-Valued Measures</i> .....	2014
Takayuki Miyadera, Steven Phillips	
<i>Comparison of neural responses between exogenous and endogenous rule shifting in cued switching task; an ERPs study</i> .....	2019
Maki Miyajima, Atuhito Toyomaki, Ichiro Kusumi, Tsukasa Koyama	
<i>Children's understanding of hidden emotion, theory of mind, and peer relationship</i> .....	2025
Ai Mizokawa, Masuo Koyasu	
<i>The Effect of Visually and Phonologically Misleading Nonwords on Lexical Decisions of Native Japanese Readers</i> .....	2031
Rika Mizuno, Takao Matsui	
<i>The Effects of Mental Imagery and Embodied Action on L2 Word Learning</i> .....	2037
Laura Morett, Ray Gibbs, Brian MacWhinney	
<i>How the Hands Cue the Mind: The Effects of Iconicity and Enactment on Sign Language Acquisition</i> .....	2043
Laura Morett	
<i>Does thinking make you biased? The case of the engineers and lawyers problem.</i> .....	2049
Kinga Morsanyi, Simon Handley	
<i>Inferring aspectuality on French sentences: a minimalist approach</i> .....	2055
Damien Munch, Jean-Louis Dessalles	
<i>Does Analogy Facilitate Transitive Inference in Young Children?</i> .....	2061
Milena Mutafchieva, Kristina Gotseva, Boicho Kokinov	
<i>Cognitive Styles in Two Cognitive Sciences</i> .....	2067
James Myers	
<i>Process of Improvisational Contemporary Dance</i> .....	2073
Yuko Nakano, Takeshi Okada	
<i>Learning Containment Metaphors</i> .....	2079
Sushobhan Nayak, Amitabha Mukerjee	
<i>Interaction of Word Learning and Semantic Category Formation in Late Talking</i> .....	2085
Aida Nematzadeh, Afsaneh Fazly, Suzanne Stevenson	
<i>Modeling dilution effects in perceptual load search tasks</i> .....	2091
Kleanthis Neokleous, Marios Avraamides, Christos Schizas	
<i>A Cultural Decision-Making Model for Negotiation based on Inverse Reinforcement Learning</i> ....	2097
Elnaz Nouri, Kallirroï Georgila, David Traum	

<i>State effects of action video-game playing on visuospatial processing efficiency and attention among experienced action video-game players</i> .....	2103
Takashi Obana, Maria Kozhevnikov	
<i>Variation of Characteristics of Reading and Writing Difficulties in Japanese Children with Learning Disabilities</i> .....	2109
Shino Ogawa, Miwa Fukushima-Murata, Namiko Kubo-Kawai, Tomoko Asai, Hiroko Taniai, Nobuo Masataka	
<i>Dynamic estimation of emphasizing points for user satisfaction evaluations</i> .....	2115
Yoshimasa Ohmoto, Takashi Miyake, Toyoaki Nishida	
<i>The Vowel-Size Relationship Re-Examined Using Speeded Classification.</i> .....	2121
Yuka Ohtake, Etsuko Haryu	
<i>Building Conceptual Dictionary for Providing Common Knowledge in the Integrated Narrative Generation System</i> .....	2126
Kensuke Oishi, Yasunari Kurisawa, Mami Kamada, Itaru Fukuda, Taisuke Akimoto, Takashi Ogata	
<i>Working memory's meager involvement in sentence repetition tests</i> .....	2132
Eve Okura, Deryle Lonsdale	
<i>Changing Discriminatory Norms Using Models of Conceptually-Mediated Cognition and Cultural Worldviews</i> .....	2138
Daniel Olsher	
<i>The Role of Comparison Processes in the Induction of Schemas for Design Styles</i> .....	2144
Takanobu Omata, Keith Holyoak	
<i>A State-Event Transformation Mechanism for Generating Micro Structures of Story in an Integrated Narrative Generation System</i> .....	2150
Kou Onodera, Taisuke Akimoto, Takashi Ogata	
<i>Teaching the Perceptual Structure of Algebraic Expressions: Preliminary Findings from the Pushing Symbols Intervention</i> .....	2156
Erin Ottmar, David Landy, Robert Goldstone	
<i>Improving Representational Competence in Chemistry with Model-Based Feedback</i> .....	2162
Shamin Padalkar, Mary Hegarty	
<i>Cognitive Biases in a Geospatial Intelligence Analysis Task: An ACT-R Model</i> .....	2168
Jaehyon Paik, Peter Pirolli, Christian Lebiere, Matthew Rutledge-Taylor	
<i>Can native-language perceptual bias facilitate learning words in a new language?</i> .....	2174
Bozena Pajak, Sarah Creel, Roger Levy	
<i>Seeing who sees: Contrastive access helps children reason about other minds</i> .....	2180
Kathie Pham, Elizabeth Bonawitz, Alison Gopnik	
<i>Children and Pragmatic Implicatures: A Test of the Pragmatic Tolerance Hypothesis with Different Tasks</i> .....	2186
Katrijn Pipijn, Walter Schaeken	
<i>Why is A Few Sometimes A Lot?</i> .....	2192
Amanda Pogue, Adel Jalabi, Mathieu Le Corre	

<i>Toward machines that behave ethically better than humans do</i> .....	2198
Matthijs Pontier, Johan Hoorn	
<i>Modeling the Influence of Cognitive Fluency and Stereotype Threat on the Processing of Implicit Attitudes</i> .....	2204
Boon-Kiat Quek, Andrew Ortony	
<i>Modeling the Effect of Evaluative Conditioning on Implicit Attitude Acquisition and Performance on the Implicit Association Test</i> .....	2210
Boon-Kiat Quek, Andrew Ortony	
<i>Constraints, Inferences, and the Shortest Path: Which paths do we prefer?</i> .....	2216
Marco Ragni, Jan Wiener	
<i>Think Outside the Box: The Effects of Cognitive Training on Creative Problem Solving</i> .....	2222
Jared Ramsburg, Robert Youmans	
<i>Changing Global Warming Beliefs with Scientific Information: Knowledge, Attitudes, and RTMD (Reinforced Theistic Manifest Destiny Theory)</i> .....	2228
Michael Ranney, Dav Clark, Daniel Reinholz, Sarah Cohen	
<i>Evidence that Threatening Situations Enhance Creativity</i> .....	2234
Sean Riley, Liane Gabora	
<i>Automatic selection of eye tracking variables in visual categorization for adults and infants</i> .....	2240
Samuel Rivera, Catherine Best, Hyungwook Yim, Aleix Martinez, Vladimir Sloutsky, Dirk Walther	
<i>Categorisation in High and Low Schizotypes</i> .....	2246
Aaron Roberts, Nick Braisby	
<i>Inferring Metaphoric Structure from Financial Articles Using Bayesian Sparse Models</i> .....	2252
Martin Sälzle, Mark Keane	
<i>Conceptual Change through Socially Constructive Interaction in the Classroom</i> .....	2258
Moegi Saito, Naomi Miyake	
<i>Strategy Changes in Causal Structure Learning: The Role of Task Complexity</i> .....	2264
Motoyuki Saito, Tsuneo Shimazaki	
<i>The Comprehension of Adjective Metaphors Is Selectively Affected By Negative Meanings Associated With Adjectives As Vehicles</i> .....	2270
Maki Sakamoto, Miho Sumihisa, Takuya Matsumoto, Akira Utsumi	
<i>Problem-Solving Strategy Selection in Relation to Formal Schooling</i> .....	2276
Mennat-Allah Saleh, Christian Sturm	
<i>Shared Book Reading between Mother and Infant Facilitates The Frequency of Joint Attention</i> ..	2282
Ayumi Sato, Ichiro Uchiyama	
<i>A Computational PDP Model for Explaining Automatic Imitation</i> .....	2288
Matthias Scheutz, Bennett Bertenthal	
<i>Taking Development Seriously: Modeling the Interactions in the Emergence of Different Word Learning Biases</i> .....	2294
Savannah Schilling, Clare Sims, Eliana Colunga	



<i>Interactions between abstract actions and apparent distance</i> .....	2300
Kathryn Sears, Jessica Lesky, David Landy	
<i>Vection (self-motion perception) alters cognitive states, cognition of time, mental number line and personality</i> .....	2306
Takeharu Seno, Shuichiro Taya, Yuki Yamada, Keiko Ihaya, Hiroyuki Ito, Shoji Sunaga	
<i>Conscious and unconscious thought preceding complex decisions: The influence of taking notes and intelligence.</i> .....	2310
Aline Sevenants, Dieter Daniëls, Leen Janssens, Walter Schaeken	
<i>When Choice Effects Compete: An Account by Extended EBA Model</i> .....	2315
Kenpei Shiina	
<i>Creative Process of Improvised Street Dance</i> .....	2321
Daichi Shimizu, Takeshi Okada	
<i>Knowing When to Abandon Unproductive Learning</i> .....	2327
Thomas Shultz, Eric Doty, Frederic Dandurand	
<i>Listening to Thematic Music Prior to a Generation Task Causes Thematic Elements to Be Included in a Story Generation Task.</i> .....	2333
Cynthia Sifonis, William Fuss	
<i>Maps in the Head and Maps in the Hand</i> .....	2339
Kenny Skagerlund, David Kirsh, Nils Dahlbäck	
<i>When Students Don't Benefit From Attention Guidance in Animations: The Role of Working Memory in Learning From Animations</i> .....	2345
Irene Therese Skuballa, Rolf Schwonke, Alexander Renkl	
<i>The inductive potential of religion categories in Northern Ireland</i> .....	2351
Kirsty Smyth, Conor Pendergrast, Aidan Feeney, Coley John, Cole Edison, Ulrike Niens	
<i>Does number interference occur during sentence processing?</i> .....	2357
Katja Suckow, Roger P. G. van Gompel	
<i>The effect of text continuity on spatial representation</i> .....	2363
Masashi Sugimoto, Takashi Kusumi	
<i>Stress assignment in the development of reading aloud: Nonword priming effects on Italian children</i> .....	2369
Simone Sulpizio, Simone Sulpizio, Magali Boureux, Cristina Burani, Chizuru Deguchi, Lucia Colombo	
<i>Doppel Teleoperation System: Isolation of physical traits and intelligence for personality study</i> ..	2375
Hidenobu Sumioka, Shuichi Nishio, Erina Okamoto, Hiroshi Ishiguro	
<i>Individuals' process of metaphor interpretations and interestingness cognition</i> .....	2381
Tomohiro Taira, Takashi Kusumi, Akira Utsumi	
<i>Transmission of Rumor and Criticism in Twitter after the Great Japan Earthquake</i> .....	2387
Yuko Tanaka, Yasuaki Sakamoto, Toshihiko Matsuka	

<i>Ontological Properties of Animals in a Children's Dictionary With and Without Common-Sense Knowledge</i> .....	2393
Julia Taylor, Victor Raskin, Christian Hempelmann	
<i>An Experimental Examination of Emergent Features in Metaphor Interpretation Using Semantic Priming Effects</i> .....	2399
Asuka Terai, Robert Goldstone	
<i>An fMRI Investigation of Feature-Emergence-related Activation within Metaphor Comprehension</i>	2405
Asuka Terai, Naoko Kuriyama, Masanori Nakagawa, Kimihiko Yamagishi, Takashi Kusumi, Koji Jimura	
<i>Explanation Reconstruction through Reinterpretation of Key Facts</i> .....	2411
Hitoshi Terai, Kazuhisa Miwa, Shota Matsubayashi	
<i>Automatic Detection of Metonymies using Associative Relations between Words</i> .....	2417
Takehiro Teraoka, Ryuichiro Higashinaka, Jun Okamoto, Shun Ishizaki	
<i>Flexible sequence learning in a SOM model of the mirror system</i> .....	2423
Serge Thill, Josef Behr, Tom Ziemke	
<i>Fuzzy Memory Theory and its Use in Cognitive Science</i> .....	2429
Chris Thornton	
<i>From Head to Toe: Embodiment Through Statistical Linguistic Frequencies</i> .....	2434
Richard Tillman, Vivek Datla, Sterling Hutchinson, Max Louwerse	
<i>Evidence for Modality-Specific Processes in Approximate Numerical Comparison</i> .....	2440
Midori Tokita, Akira Ishiguchi	
<i>Embodied Communication Practices in Instructive Interaction between Musicians</i> .....	2446
Jackson Tolins	
<i>Viewing and performing actions can change what you see</i> .....	2451
Alexia Toskos Dils, Stephen Flusberg, Lera Boroditsky	
<i>Honoring Different Ontological Boundaries: The Role of Language in Category Formation</i> .....	2457
Duc Tran, Hanako Yoshida	
<i>Writing facilitates learning to read in Chinese through reduction of holistic processing: A developmental study</i> .....	2463
Ricky Van Yip Tso, Terry Kit-fong Au, Janet Hui-wen Hsiao	
<i>Temporal Dynamics of Action Perception: The Role of Biological Appearance and Motion Kinematics</i> .....	2469
Burcu Aysen Urgan, Markus Plank, Hiroshi Ishiguro, Howard Poizner, Ayse Pinar Saygin	
<i>Effects of Discourse Goals on the Process of Metaphor Production</i> .....	2475
Akira Utsumi, Kota Nakamura, Maki Sakamoto	
<i>Modeling Efficient Serial Visual Search</i> .....	2481
Bella Veksler, Wayne Gray	
<i>A Conceptual Network-Based Approach to Inferring the Cultural Evolutionary History of the Baltic Psaltery</i> .....	2487
Tomas Veloz, Ilya Tëmkin, Liane Gabora	

<i>Factors influencing children's display of surprise</i> .....	2493
Mandy Visser, Emiel Krahmer, Marc Swerts	
<i>Estimating Semantic Transparency of Constituents of English Compounds and Two-Character Chinese Words using Latent Semantic Analysis</i> .....	2499
Hsueh-Cheng Wang, Li-Chuan Hsu, Yi-Min Tien, Marc Pomplun	
<i>Visual Attention is Attracted by Text Features Even in Scenes without Text</i> .....	2505
Hsueh-Cheng Wang, Shijian Lu, Joo-Hwee Lim, Marc Pomplun	
<i>Implicit theories of the causes of weight gain in adults</i> .....	2511
Nicole Ware, Rachel Dryer	
<i>Relationship between Phonemes and Tactile-emotional Evaluations in Japanese Sound Symbolic Words</i> .....	2517
Junji Watanabe, Yuuka Utsunomiya, Hiroya Tsukurimichi, Maki Sakamoto	
<i>Actor-Observer Asymmetries in Judgments of Intentional Actions</i> .....	2523
Sarah Wellen, David Danks	
<i>Learning Causal Structure through Local Prediction-error Learning</i> .....	2529
Sarah Wellen, David Danks	
<i>Understanding each other: Defining a conceptual space for cognitive modeling</i> .....	2535
Robert West, David Pierre Leibovitz	
<i>Reading direction is sufficient to account for the optimal viewing position in reading: The case of music reading</i> .....	2540
Yetta Kwailing Wong, Janet Hui-wen Hsiao	
<i>Effects of Learning Order and Previous Language Experience in Novel Word Learning</i> .....	2546
Elizabeth Woods, Hanako Yoshida	
<i>Inference and culture : The distinction between low context culture and high context culture as a possible explanation for cultural differences in cognition</i> .....	2552
Hiroshi Yama, Norhayati Zakaria	
<i>"What" versus "How" in Nonvisual Whole-Body Movement</i> .....	2558
Naohide Yamamoto, Dale A. Hirsch	
<i>The Influence of Risk Aversion on Visual Decision Making</i> .....	2564
Ruixin Yang, Garrison Cottrell	
<i>Splitting Visual Focal Attention? It Probably Depends on Who You Are</i> .....	2570
Jit Yong Yap, Stephen Wee Hun Lim	
<i>Roles of Adult's Gestures and Eye Gaze in Whole or Object Part Presenting</i> .....	2576
Tetsuya Yasuda, Harumi Kobayashi	
<i>State-Trace Analysis of Sequence Learning by Simple Recurrent Networks</i> .....	2581
Fayme Yeates, Fergal Jones, Andy Wills, Ian P. L. McLaren	
<i>The Role of Attention in Three-way binding in Episodic Memory</i> .....	2587
Hyungwook Yim, Simon Dennis, Vladimir Sloutsky	

<i>Visual Context Effects on Thematic Role Assignment in Children versus Adults: Evidence from Eye Tracking in German</i> .....	2593
Lu Zhang, Pia Knoeferle	
<i>Argument Homogeneous and Structure Simplicity</i> .....	2599
Niina Ning Zhang	
<i>Modeling a Cognitively Limited Network in an Agent-Based Simulation</i> .....	2603
Changkun Zhao, Ryan Kaulakis, Jonathan Morgan, Jeremiah Hiam, Frank Ritter	
<i>Attention Modeling for Face Recognition via Deep Learning</i> .....	2609
Sheng-hua Zhong, Yan Liu, Yao Zhang, Fu-lai Chung	
<i>Cohesion Grading Decisions in a Summary Evaluation Environment: A Machine Learning Approach</i> .....	2615
Iraide Zipitria, Basilio Sierra, Ana Arruarte, Jon A. Elorriaga	

### Member's Abstracts

<i>The Effects of an Incubation Period on the Metaphor Creation Process</i> .....	2621
Keiga Abe	
<i>Trial Measurement of Implicit Attitude toward Violations in Nursing by the use of Implicit Association Test</i> .....	2622
Yuko Adachi, Shinnosuke Usui, Etsuko Nakagami-Yamaguchi, Akiko Yamada, Keun sik Park, Tatsuya Nakatani	
<i>Frame Augmented Language Model</i> .....	2623
Kisuh Ahn, Eunsuk Lim	
<i>Multi-Voxel Pattern Analysis Applied to the Language Switch in the Bilingual Brain—An fMRI Study</i> .....	2624
Hiroyuki Akama, Miao Mei Lei, Na Li, Brian Murphy	
<i>Visual prosody: The relationships between head movements and the verbs</i> .....	2625
Haruka Amatani	
<i>Determining the effect of ego-involvement on causal reasoning by using contingencies in causal situations</i> .....	2626
Yoshiko Arai	
<i>Which is Stronger? : Discriminative Learning of Sound Symbolism</i> .....	2627
Eiji Aramaki, Sachi Yasuda, Mai Miyabe, Satoshi Miura, Masaki Murata	
<i>The model comparison through orthography, phonology, and semantics</i> .....	2628
Shin-ichi Asakawa	
<i>Age-related Differences in Implicit Memory for Distractor Kanji Characters</i> .....	2629
Akihiro Asano, Etsuko T. Harada, Shoko Saito	
<i>Robots as learning partners in collaborative learning research</i> .....	2630
Jun Ashikaga, Takahiro Nakayama, Sho Inaba, Kenta Iyoki, Naomi Miyake	
<i>What do children hear? Japanese parents' use of numeral classifiers</i> .....	2631
Natsuki Atagi, Catherine Sandhofer	

<i>Comparison and contrast in novel objects categorization: the role of executive functions</i> .....	2632
Luc Augier, Jean-Pierre Thibaut	
<i>Comparison of the brain regions activated during comprehension of action sentences referring to unimanual or bimanual actions: An fMRI study</i> .....	2633
Shunji Awazu, Fumihiko Taya, Sayako Masuda, Shigeru Watanabe	
<i>Effectiveness of Transcranial Direct Current Stimulation on Medial Prefrontal Cortex in Aesthetic Judgement</i> .....	2634
Leila Azari Pishkenari, Hamed Ekhtiari, Mohammad Javad Hatami	
<i>Learning novel words with the help of morphological information</i> .....	2635
Sungbong Bae, Kwangoh Yi	
<i>Distant Border Color Is More Preferred In a Triple Color Combination</i> .....	2636
Ziba Bashardanesh, Ali Yoonessi	
<i>To peek and to peer: "visual" verb meanings are largely unaffected by congenital blindness</i> .....	2637
Marina Bedny, Jorie Koster-Hale, William Johnston, Lindsay Yazzolino, Rebecca Saxe	
<i>Cognitive typology</i> .....	2638
Chuluundorj Begz	
<i>Expert Memory in Blindfold Chess960 - An Interpretation in the light of LIDA</i> .....	2639
Eduardo Bermudez, David Dahmen, Henry Gonzalez	
<i>Vague Linguistic Expressions and the Problem of Equidistance in Verbal Response Scales</i> .....	2640
Franziska Bocklisch, Josef Krems	
<i>Going beyond the headlines: Narratives mitigate intergroup empathy bias</i> .....	2641
Emile Bruneau, Mina Cikara, Rebecca Saxe	
<i>Ordered Information and Word Learning: An Associative Learning Perspective</i> .....	2642
Joseph Burling, Hanako Yoshida	
<i>The Hierarchical Structure of Word Senses</i> .....	2643
Hee-Rahk Chae, Do-Il Hong	
<i>Word Segmentation Difficulty in Fourth Graders with Low Reading Achievement</i> .....	2644
Sau-chin Chen, Jenn-Yeu Chen	
<i>Is the Proximate Unit in Chinese Word Production Motivated by the Visual Prompt of the Task?</i>	2645
Train-Min Chen, Jenn-Yeu Chen	
<i>The Impact of Contextual Cues on Infant Categorization</i> .....	2646
I-Chen Chen, Marin Huang, I-Wen Yu, Pei-Ling Wang, Jon-Fan Hu	
<i>Knowing where to look: Conceptual knowledge guides fixation in an object categorization task</i> ...	2647
Lang Chen, Timothy Rogers	
<i>Mindset interacts with subjective knowledge but not fluency when affecting preferential judgment</i>	2648
Rongjuan Chen, Yasuaki Sakamoto	
<i>A Study of the Syntactic Category of Rhetorical Questions</i> .....	2649
Hongbo Chen	

<i>Eye Movement Patterns Reveal How Oriental People Group Objects</i> .....	2650
Fan-Ning Cheng, Yi-Rong Wu, Jo Pan, Gert Westermann, Hsueh-Chih Chen, Jon-Fan Hu	
<i>Reading and Writing Performance in School-aged Children with Specific Language Impairment or/and with Developmental Coordination Disorder Identified at Preschool Age</i> .....	2651
Rong-Ju Cherng, Hsiang-Chun Cheng, Jenn-Yeu Chen, Chia-Liang Tsai, Miao-Lin Shen	
<i>The development of numerical comparison in 2- to 4-year-old children</i> .....	2652
Pierina Cheung, Mathieu Le Corre	
<i>The examination of physiological factor on two context effects in multi-attribute decision making</i>	2653
Itsuki Chiba, Takashi Tsuzuki, Masashi Soma	
<i>A Classroom Study of Learning to Evaluate Scientific Evidence</i> .....	2654
Clark Chinn	
<i>Impact of Modified Cognitive Behavior Therapy on Children with Autism Spectrum Disorders</i> ...	2655
Suvarna Chinta, Bipin Indurkha	
<i>Can Articulating Aloud Offset Effects of Listening to L1 in a Foreign Accent?</i> .....	2656
Kit Cho, Laurie Beth Feldman	
<i>Blending Narrative Spaces of the Flashback Scenes in the Joint Security Area</i> .....	2657
Hye Rhang Cho, Seung Suk Nam, Sook Whan Cho	
<i>Blending Narrative Spaces of the Reenactment Scenes in the Thin Blue Line</i> .....	2658
Sook Whan Cho, Seung Suk Nam, Hye Rhang Cho	
<i>Ten-month-old Infants Prefer Comforters, not Helpers</i> .....	2659
Hiu-Mei Chow, Stephanie Jui-chi Chen, Geroldene H. T. Tsui, Ping-Hui Chiu, Chia-Huei Tseng	
<i>Comprehension of Representational Gestures</i> .....	2660
Kawai Chui	
<i>Task-specific conflict monitoring and cognitive control in the prefrontal cortex</i> .....	2661
Chongwook Chung, Chobok Kim, Jeounghoon Kim	
<i>The Development of Orthographic Awareness for Radical Properties of Chinese Characters in Young Children</i> .....	2662
Yi-Ling Chung, Pei-Yu Luo, Hsueh-Chih Chen, Li-Yun Chang, Jon-Fan Hu	
<i>The Dynamics of Sentence (In)comprehension</i> .....	2663
Gregory Cox, Melody Dye, Seth Frey	
<i>Aquisition of multipliers: learning a new class of number</i> .....	2664
Meghan Dale, Mathieu Le Corre	
<i>Describing faces: conventionalizing ontologies through dialogic interaction</i> .....	2665
Nicolas Davidenko, Gregory Mills	
<i>The effect of speaker's identity on syntactic processing: Evidence from verb-gender agreement in Slovak</i> .....	2666
Doug J. Davidson, Adriana Hanulikova, Manuel Carreiras	

<i>Joint Evaluation and Trend Information Mitigates the Disposition Effect</i> .....	2667
Kyung Soo Do, Hee-Yeon Kim, Rae-yeop Park	
<i>Effects of Scaffolded Feedback and Confidence of Incorrect Answers on Retention</i> .....	2668
Kyung Soo Do, Hanna Kim	
<i>Computing Humorous Metaphors</i> .....	2669
Pawel Dybala, Kohichi Sayama	
<i>Expanding the Transformation Paths in a Mutual Transformation Mechanism of Music and Narrative</i> .....	2670
Jun Endo, Taisuke Akimoto, Takashi Ogata	
<i>Eye tracking differences in respondent behaviour across multiple survey modes</i> .....	2671
Tom Foulsham, Olena Kaminska	
<i>Automatic facilitation of social behavior by implicit inferring of social intention</i> .....	2672
Haruaki Fukuda, Hiroaki Suzuki, Ayumi Yamada	
<i>Quantifying linguistic coordination</i> .....	2673
Riccardo Fusaroli, Kristian Tylén	
<i>How a Quantum Approach to Memory Incorporates Contextuality and Potentiality</i> .....	2674
Liane Gabora, Kirsty Kitto	
<i>The Naturalization of Concepts between Computational Intractability and Cognitive Theories</i> ...	2675
Francesco Gagliardi	
<i>Selection of decision rules in dynamic decision making</i> .....	2676
Jean-François Gagnon, Marie-Ève St-Louis, Sebastien Tremblay	
<i>Annual Cognitive Modeling Competition</i> .....	2677
Kevin Gluck	
<i>Do Young Children Habituate to their Classroom Environment?</i> .....	2678
Karrie Godwin, Anna Fisher	
<i>Phonological neighbourhood clustering effects on verbal short-term memory</i> .....	2679
Winston Goh	
<i>Children's sensitivity to informant's inductive efficiency and learner's epistemic states in pedagogical contexts</i> .....	2680
Hyowon Gweon, Patrick Shafto, Joshua Tenenbaum, Laura Schulz	
<i>The End is Near: Anticipating the end of a sentence</i> .....	2681
Lance Hahn	
<i>Individual differences and phonetic aptitude in the earliest stages of L2 acquisition</i> .....	2682
Adriana Hanulikova, Dan Dediu, Zhou Fang, Jana Basnakova, Falk Huettig	
<i>What do numbers tell you? The effects of data-presentation design on the prolonged use of health-related life-log tools</i> .....	2683
Etsuko T. Harada, Satomi Yoshiyama	
<i>Japanese script types in written names create the images of their referents</i> .....	2684
Aya Hatano, Masahiro Amagase, Jun Kawaguchi	

<i>Is past information useful for evaluating present covariation information? : Effect of irrelevant information on causal judgment</i> .....	2685
Ikuko Hattori, Masasi Hattori	
<i>Visual cognition of "speed lines" in comics: Experimental study on speed perception</i> .....	2686
Hiromasa Hayashi, Goh Matsuda, Yoshiyuki Tamamiya, Kazuo Hiraki	
<i>Ontology Architecture of a Neuro-psychoanalytical, Computational Model</i> .....	2687
Isabella Hinterleitner	
<i>The absence of phonetic symbolism to the novel speech sound -comparison of cross-modal correspondence between Chinese and Japanese speakers using Chinese speech sound-</i> .....	2688
Sachiko Hirata, Shinichi Kita	
<i>Longitudinal observation of action slips: A case study of a young child</i> .....	2689
Naoya Hirose	
<i>The role of social contexts in adults' word learning</i> .....	2690
Masako Hirotsu, Koji Shimada, Shuntaro Okazaki, Hiroki C. Tanabe, Norihiro Sadato	
<i>A Cognitive-Educational Approach to the Verb mek-ta in Korean</i> .....	2691
Do-Il Hong, Hee-Rahk Chae	
<i>Connectionist Modeling of Frequency and Regularity in Mandarin Relative Clause Processing</i> ...	2692
Yaling Hsiao, Maryellen MacDonald	
<i>A Corpus Survey of Chinese Individual Classifiers</i> .....	2693
Shuping Huang, Jenn-Yeu Chen	
<i>Property activation during the Interpretation of Noun-Noun Compounds</i> .....	2694
Jie Huang	
<i>Modeling How Naming Experiences Bias Sorting Performance</i> .....	2695
Yu-Sheng Hung, Yun Li, Hsueh-Chih Chen, Jon-Fan Hu	
<i>The Effect of Priming of Individualism/Collectivism on the Müller-Lyer Illusion</i> .....	2696
Yiwon Hyun, Donghoon Lee, Hyunjung Shin, Myeong-ho Sohn	
<i>How novices get skills without supervisors' instructions: through analysis of skills mastery process</i> .....	2697
Jun Ichikawa, Yugo Takeuchi	
<i>The relationship between depressive tendency and relative metacomprehension accuracy.</i> .....	2698
Kenji Ikeda, Yosuke Hattori, Shinji Kitagami	
<i>A Narratological Mechanism for Generating Macro Structures of Story in an Integrated Narrative Generation System</i> .....	2699
Shohei Imabuchi, Takashi Ogata	
<i>A cellular automaton model of ambiguity aversion</i> .....	2700
Kenryo Indo	
<i>The effects of frameworks and examples in learning how to solve word problems</i> .....	2701
Miwa Inuzuka, Hirosuke Tanimoto, Hiroko Kobayashi	



<i>Social Projection as a Universal Strategy in Mental State Inference: Cultural Differences in Utilization of Stereotyping</i> .....	2702
Tatsunori Ishii, Masanori Takezawa	
<i>Functions for mutual interaction with the mind reading</i> .....	2703
Satoru Ishikawa	
<i>The anger superiority effect in children with and without autism</i> .....	2704
Tomoko Isomura, Hiroyasu Ito, Shino Ogawa, Miwa Fukushima, Masahiro Shibasaki, Nobuo Masataka	
<i>Culture, perception, and artistic visualisation: A comparative study of children's drawings in three Siberian cultural groups</i> .....	2705
Kirill Istomin, Jaroslava Bagdasarova, Patrick Heady	
<i>How do children with autism solve logic puzzle?</i> .....	2706
Hiroyasu Ito, Nobuo Masataka	
<i>Effects of Base Rates and Likelihoods on Intuitive Probabilistic Judgments</i> .....	2707
Tomoko Itoh	
<i>Representational Form and Metaphorical Word Use</i> .....	2708
Anja Jamrozik, Micah Goldwater, Eyal Sagi, Dedre Gentner	
<i>Interaction between ability and use of scaffold in EFL vocabulary learning system</i> .....	2709
Felix Jimenez, Masayoshi Kanoh	
<i>Qualitative differences in sequence planning with everyday objects in traumatic brain injured individuals</i> .....	2710
Arianne Johnson, Scott Grafton	
<i>Differential Effects of the Cultural Orientation Dimensions on Global Precedence</i> .....	2711
Mijung Joo, Hyunmin Kang, Hyunjung Shin, Jaesik Lee	
<i>Hierarchical Category Structures Facilitate Acquisition of Probabilistic Relational Categories.</i> ...	2712
Wookyoung Jung, John Hummel	
<i>Dynamic Effects of Perceptual and Categorical Similarity on Recognition Memory</i> .....	2713
George Kachergis, Gregory Cox, Richard Shiffrin	
<i>Asymmetry of McGurk Effect Depending on the Orientation of Faces</i> .....	2714
Masayo Kajimura, Hiroshi Ashida	
<i>An Optimality Theoretical Analysis of Urge Interactions in Toda's (1982) Emotional Fungus-Eater Robots</i> .....	2715
Yasuo Kaneko	
<i>A signal detection analysis of the effects of repeated context on visual search</i> .....	2716
Ryan Kasper, Miguel Eckstein, Barry Giesbrecht	
<i>Cultural variations in authority management in interaction</i> .....	2717
Yasuhiro Katagiri	
<i>Differences in emotional bias effect on working memory in elderly.</i> .....	2718
Maya Katsuhara, Mariko Osaka, Naoyuki Osaka	

<i>Mental rotation of pictured body stimuli: Involvement of visual representation of the stimuli</i> . . . .	2719
Tsubasa Kawasaki, Takahiro Higuchi	
<i>Extracting the Musical Schema from Traditional Japanese, Chinese and German Folk Songs</i> . . . .	2720
Akihiro Kawase	
<i>Implicit learning on the order of the visual stimuli under interocular suppression</i> . . . . .	2721
Kaede Kido, Shogo Makioka	
<i>Hierarchical Slow-Feature Models of Gesture Conversation</i> . . . . .	2722
Jiseob Kim, Sooyong Jang, Eun-Sol Kim, Byoung-Tak Zhang	
<i>‘Is this right?’ or ‘Is that wrong?’: Evidence from Dynamic Eye-Hand Movement in Decision Making</i> . . . . .	2723
Eun-Sol Kim, Jiseob Kim, Thies Pfeiffer, Ipke Wachsmuth, Byoung-Tak Zhang	
<i>State Anxiety and the Processing of Covariation Information in Causal Reasoning</i> . . . . .	2724
Young Il Kim, Kyung Il Kim	
<i>Cultural priming and the scene perception</i> . . . . .	2725
Bia Kim, Yoonkyoung Lee, Donghoon Lee, Goeun Lee, HyunJung Shin	
<i>Complex Network Analysis of Social Relationships and Personality from TV Drama Dialogues</i> . .	2726
Joon Shik Kim, Chung-Yeon Lee, Minsu Zhang, Jun-Hee Nam	
<i>A Neuroethological Approach to Robotics</i> . . . . .	2727
DaeEun Kim	
<i>The effectiveness of English teaching integration model based on task-based approach</i> . . . . .	2728
Eun sook Kim	
<i>Nominal Number and Semantics of Common Nouns in Numeral Classifier Languages</i> . . . . .	2729
Jeehoon Kim	
<i>Automaticity in Motor Learning: Evidence from Visuo-motor Tracking Performance and Pupil Dilation</i> . . . . .	2730
Satoshi Kobori, Yosuke Abe, Shogo Nakazono	
<i>Self-Organization of Policy by Symmetric Reasoning and its Application to Reinforcement Learning</i> . . . . .	2731
Yu Kohno, Tatsuji Takahashi	
<i>Study on Facilitation of Problem Posing by Learning Examples through Reproduction</i> . . . . .	2732
Kazuaki Kojima, Kazuhisa Miwa, Tatsunori Matsui	
<i>Egocentric and allocentric frame of reference in virtual maze navigation</i> . . . . .	2733
Takatsugu Kojima	
<i>Consciousness and the language faculty: awareness, qualia and natural language using agents</i> . . .	2734
Piotr Konderak	
<i>Three co-creation stages in formation of symbol communication systems</i> . . . . .	2735
Takeshi Konno, Junya Morita, Akihito Kishino, Takashi Hashimoto, Jiro Okuda, Maki Suzuki	
<i>Theory of Mind network encodes how you know what you know in blind and sighted adults</i> . . . . .	2736
Jorie Koster-Hale, Rebecca Saxe, Marina Bedny	

<i>A joint ideomotor effect increases the inter-brain oscillation between two people engaged in a Japanese Ouija board “Kokkuri-san”</i> .....	2737
Kenta Kubo, Kentaro Katahira, Kazuo Okanoya, Masato Okada, Nobuyuki Kawai	
<i>A Framework of Sentence Generation Mechanism for a Narrative Generation System</i> .....	2738
Shinya Kumagai, Sou Funakoshi, Junpei Ono, Taisuke Akimoto, Takashi Ogata	
<i>An on-line model of quantifiers interpretation in Japanese</i> .....	2739
Takeo Kurafuji, Masakatsu Inoue, Michinao Matsui	
<i>Beauty and Cuteness in Peripheral Vision</i> .....	2740
Kana Kuraguchi, Hiroshi Ashida	
<i>Motion-related brain activity enhanced by motion representation during metaphor understanding</i>	2741
Naoko Kuriyama, Asuka Terai, Takashi Kusumi, Masanori Nakagawa, Kimihiko Yamagishi, Koji Jimura	
<i>The influence of redundant and idiosyncratic attributes on coherence within a category and contrast between categories</i> .....	2742
Ikuko Kyoya, Masaomi Oda	
<i>Assessment and refinement of an intelligent tutor for complex decision making</i> .....	2743
Daniel Lafond, Sebastien Tremblay, Michel DuCharme, Marie-Ève St-Louis, Jean-François Gagnon	
<i>Evidence for a phonology-specific learning mechanism</i> .....	2744
Regine Lai, Jeffrey Heinz	
<i>Deceptive strategy choice as decision making under risk</i> .....	2745
Tei Laine, Kayo Sakamoto	
<i>Inner Speech and Task Switching in Adults</i> .....	2746
Lucie Laurent, Jean-Louis Millot, Patrice Andrieu, Valérie Camos, Caroline Floccia, Fabien Mathy	
<i>Enhanced Visual Processing in Perihand Space: Effects of Handedness</i> .....	2747
Nathalie Le Bigot, Marc Grosjean	
<i>The influence of cultural dispositions on the scene perception</i> .....	2748
Yoonkyoung Lee, Bia Kim, Yiwon Hyun, Cheonwoo Shin, Jaesik Lee, HyunJung Shin	
<i>Framing Neuroethics: An Integrated-Unified Scientific Analogy (I-USA) Perspective</i> .....	2749
Sang Bok Lee, Jonathan Jiseop Lee	
<i>How they pick out the answer in multiple choice questionnaire: Independent-self versus interdependent-self</i> .....	2750
Min-Seop Lee, Jeong Ryu, Dayk Jang	
<i>Information Structure, Alternatives, and Scalar Implicatures</i> .....	2751
Chungmin Lee	
<i>Observational category learning increases sensitivity to prototypical and correlational information</i>	2752
Kimery Levering, Kenneth Kurtz	

<i>The thinking behind decisions to spread disaster-related tweets</i> .....	2753
Huaye Li, Rongjuan Chen, Yasuaki Sakamoto	
<i>Size Effect During Emergence of Symbolic Communication System Revealed by Agent-based Modelling</i> .....	2754
Guanhong Li, Takashi Hashimoto	
<i>Understanding human error detection as task interruptions</i> .....	2755
Simon Y. W. Li	
<i>Assessment of children's summarization ability: An alternative measure of reading comprehension</i> .....	2756
Chi-Shun Lien, Hung-Hui Chen	
<i>Cross-linguistic Similarities and Differences in Causative Constructions</i> .....	2757
Eunsuk Lim, Kisuh Ahn, Hee-Rahk Chae	
<i>Unpredictable Grunting in Tennis is More Distracting</i> .....	2758
Ahnate Lim, Alan Kingstone, Scott Sinnett	
<i>Enhancing critical thinking and learning outcomes at the university: A pedagogical perspective</i> ..	2759
Stephen Wee Hun Lim	
<i>Is it Possible to Train the Approximate Number System?</i> .....	2760
Marcus Lindskog, Anders Winman, Peter Juslin	
<i>Cognitive Choreography in Mental Algebra Task</i> .....	2761
John Lindstedt, Wayne Gray	
<i>Undergraduates' online search strategies and visual attention distribution</i> .....	2762
Wan-Yi Liu, Meng-Jung Tsai	
<i>Action and affordances in nominal classifier systems</i> .....	2763
Marit Lobben	
<i>An ERP study on L2 grammatical aspect processing in Japanese</i> .....	2764
Shengyan Long, Yusaku Tsuyuguchi, Manami Sato, Hiromu Sakai	
<i>The Role of Embodiment on Children's Memory Recall through LEGO Robotics Activities</i> .....	2765
Carol M. Lu, John B. Black, Seokmin Kang	
<i>Social elements are not a must for preverbal infants' learning in an interactive event</i> .....	2766
Yuen Ki Ma, Hiu-Mei Chow, Jaclyn Yeung, Anna Wing Yee Ho, Chia-Huei Tseng	
<i>A possible source of phonological deficit in developmental dyslexia: Counter-evidence for universal phonological grammar</i> .....	2767
Norbert Maïonchi-Pino, Yasuyuki Taki, Satoru Yokoyama, Kei Takahashi, Annie Magnan, Hiroshi Hashizume, Jean Écalle, Ryuta Kawashima	
<i>Aberrant sense of agency in patients with schizophrenia: confusion of temporal causality during intentional action</i> .....	2768
Takaki Maeda, Motoichiro Kato, Keisuke Takahata, Tsukasa Okimura, Hajime Asama, Masaru Mimura	
<i>Student perspectives on critical and other thinking skills: Some cultural similarities and differences</i> .....	2769
Emmanuel Manalo, Takashi Kusumi, Masuo Koyasu, Yasushi Michita, Yuko Tanaka	

<i>The role of exploratory decision-making in enhancing episodic memory</i> .....	2770
Doug Markant, Sarah Dubrow, Lila Davachi, Todd Gureckis	
<i>Visual processing deficits due to HIV: Evidence from temporal order judgments</i> .....	2771
Liron Marotz, Scott Sinnett, Cecilia M. Shikuma	
<i>Collaboration for Building Sustainable Knowledge</i> .....	2772
Hiroyuki Masukawa, Ikuo Endo	
<i>Increases in Children’s Semantic Organization Predict Category-based Reasoning</i> .....	2773
Bryan Matlen, Karrie Godwin, Anna Fisher	
<i>Efficiency of the Cognitive Bias in Grammar Acquisition</i> .....	2774
Ryuichi Matoba, Makoto Nakamura, Shingo Hagiwara, Satoshi Tojo	
<i>CyclingMusic &amp; CyclingMelody: A System for Enriching Scenery Experience in Cycling by Real-Time Synaesthetic Sonification of Passing Landscape</i> .....	2775
Masaki Matsubara, Satoshi Kuribayashi, Haruka Nukariya, Yasuaki Kakehi	
<i>Does a humanoid robot in front of you activate your mirror neuron system?</i> .....	2776
Goh Matsuda, Kazuo Hiraki, Hiroshi Ishiguro	
<i>The effects of exposure sequence and duration on mere exposure effect</i> .....	2777
Ken Matsuda, Eriko Sugimori, Takashi Kusumi	
<i>The Computational Process of “And-type” Conditionals in Japanese</i> .....	2778
Michinao Matsui	
<i>Connecting input filtering and selection in language evolution</i> .....	2779
Luke Maurits, Tom Griffiths	
<i>When Lexical Development does not Spurt; the Case of Williams Syndrome Children</i> .....	2780
Julien Mayor	
<i>Self-directed information selection aids learning of logical rules</i> .....	2781
John V. McDonnell, Devin Domingo, Todd M. Gureckis	
<i>Making and breaking procedural conventions in dialogue</i> .....	2782
Gregory Mills	
<i>Expanding children’s perspectives on art work by robot participation</i> .....	2783
Masaki Miyake, Tomoki Hirano, Naomi Miyake	
<i>The effect of harmonization between word meaning and typography impression on implicit memory</i> .....	2784
Kozue Miyashiro, Etsuko T. Harada	
<i>Short-term memory for tonal and verbal information: Comparison with absolute and non-absolute pitch possessors</i> .....	2785
Shiho Miyazawa, Akihiro Tanaka, Takehiko Nishimoto	
<i>Behavioral priming contributes to the subsequent recognition performance</i> .....	2786
Kiyohumi Miyoshi, Hiroshi Ashida	
<i>How much do you trust me? Economic decision-making and ingroup and outgroup membership</i> .	2787
Rosalba Morese, Daniela Rabellino, Angela Ciaramidaro, Marco R. Elena, Francesca M. Bosco, Rosalba Rosato, Bruno G. Bara	

<i>Using syntactic priming to facilitate the language production of novice Japanese EFL learners</i> ..	2788
Miwa Morishita	
<i>Speed reading training and visual span</i> .....	2789
Aiko Morita	
<i>Analytical method of Japanese folk tale for story generation</i> .....	2790
Hitoshi Morita	
<i>Facilitation and inhibition in the spatiotemporal template for detecting target ring</i> .....	2791
Masayoshi Nagai, Patrick J. Bennett, Allison B. Sekuler	
<i>Analysis method focusing on repeated and not repeated verbalizations during human interface operation</i> .....	2792
Yukari Nagai, Saori Noda, Georgi V. Georgiev, Toshiharu Taura, Deny Willy	
<i>The effects of listener's familiarity with a talker's voice on the speech recognition in noisy condition</i> .....	2793
Chikako Nagaoka, Naoshi Hiraoka, Shintaro Funahashi	
<i>A Comparison of Experienced, Novice Counselor and Non-counselor in Recall of Client-Presented Information in Therapeutic Interview</i> .....	2794
Chika Nagaoka, Sakiko Yoshikawa, Tomoko Kuwabara, Yasuhiro Oyama, Chiriho Hatanaka, Motoki Watabe, Masashi Komori	
<i>The Narrative Structure of Nostalgia Cognition and Film</i> .....	2795
Yuya Naito, Akihito Kanai	
<i>TCieX: An Approach toward Communicating Weight through Pseudo-Haptic Feedback Mechanisms</i> .....	2796
Kumiyo Nakakoji, Yasuhiro Yamamoto	
<i>The effects of paralinguistic cues in a teacher's responses to the students' utterances in a moral class</i> .....	2797
Keiko Nakamoto, Ayumi Nishiyama	
<i>An agent-based model for the emergence of creoles</i> .....	2798
Makoto Nakamura, Shingo Hagiwara, Satoshi Tojo	
<i>Generating new product ideas by assemblage of different product components</i> .....	2799
Jun Nakamura, Yukio Ohsawa	
<i>Postal Addresses as an Assay of Cultural Cognition</i> .....	2800
Hiroko Nakamura, Hiroshi Yama, Gary L. Brase, Nasriah Zakaria, Yoshiko Arai, Norhayati Zakaria, Shafiz Affendi Mohd Yusof, Jun Kawaguchi	
<i>Changes in social motivation, and learning strategies, in PBL.</i> .....	2801
Yoshifumi Nakanishi, Takatoyo Umemoto, Kenshiro Tanaka	
<i>Phoneme exchange in, serial-position effect on, and lexical/semantic contributions to single-word production: An investigation using speech-error induction techniques in Japanese.</i> .....	2802
Masataka Nakayama, Shogo Kajimura, Masashi Sugimoto, Kaori Kuraya, Miyako Inoue, Ryo Ishibashi, Satoru Saito	
<i>An Analysis of Disfluencies in the Actor's Speech for Character Design</i> .....	2803
Seung Suk Nam, Hye Rhang Cho, Sook Whan Cho	

<i>The effect of a childbirth psychoeducation program on postnatal depression</i> .....	2804
Fei Wan Ngai, Sally Wai Chi Chan	
<i>Satisfaction evaluation and time perception for waiting time in ICT usage under dual task situation</i> .....	2805
Sumaru Niida, Satoshi Nakamura, Tomomi Moroga, Etsuko T. Harada, Satoshi Uemura	
<i>Multimodal Interactions Development Process in Collaborative Creation</i> .....	2806
Koshi Nishimoto, Mamiko Sakata	
<i>Task complementarity and response complementarity in the social Simon effect</i> .....	2807
Akio Nishimura, Koh Miyamoto, Kazuhiko Yokosawa	
<i>Reflexive orienting to other's gaze is modulated by the accuracy of recognition of emotional facial expressions.</i> .....	2808
Yuka Nishiyama, Jun Kawaguchi	
<i>A Case Study of Meta-cognitive Exploration of Facial Expressions</i> .....	2809
Takehige Nishiyama, Hiromi Ochiai, Yuko Toukairin, Masaki Suwa	
<i>A cognitive emotional model for "intrinsic motivation"</i> .....	2810
Kohei Noda	
<i>What is the trial-and-error process of design thinking?</i> .....	2811
Hisataka Noguchi	
<i>Choosing unknown goods: An fMRI study of product choice</i> .....	2812
Ikuya Nomura, Kazuyuki Samejima, Kazuhiro Ueda, Yuichi Washida, Hiroyuki Okada, Takashi Omori	
<i>Clarifying position derived from sophisticated beliefs about the nature of knowledge-to-use</i> .....	2813
Ryota Nomura	
<i>A Method of interviewing to Constructively Generate a Narrative through Interactions between Interviewer and Interviewee - A Case Study to Examine Creative Thoughts of an Architectural Student -</i> .....	2814
Haruka Nukariya, Masaki Suwa	
<i>Do children who experience regret make better decisions? A developmental study of the behavioral consequences of regret</i> .....	2815
Eimear O'Connor, Aidan Feeney, Teresa McCormack	
<i>Analysis of Human Solving Process of Constraint Satisfaction Problem</i> .....	2816
Hidemi Ogasawara, Yoshiyuki Matsuzawa, Masahide Ogawa	
<i>Towards the Development of Integrated Narrative Generation System as the Implementation of Literary Knowledge</i> .....	2817
Takashi Ogata, Taisuke Akimoto	
<i>Effect of Age-related Decline of Task Switching on the Task Sequences that Simulate Real Job</i> ...	2818
Keiji Ogata, Satoru Suto, Kazutaka Ueda, Takatsune Kumada, Tohru Ifukube	
<i>Rhetoric of Biopic and Viewer's Reconsideration : Isn't "story" an Obstacle?</i> .....	2819
Yukiko Ogawa, Akihito Kanai	

<i>Developmental Adjustment of Iconic Language in Care-Takers' Input</i> .....	2820
Masato Ohba, Noburo Saji, Mutsumi Imai, Tomoko Matsui	
<i>Effects of Language on Asynchronized Audiovisual Speech Perception</i> .....	2821
Hitoshi Ohnishi, Kaname Mochizuki	
<i>The effects of regularity in spatial inferences with and without local landmarks on spatial learning</i>	2822
Kayoko Ohtsu, Yoshihiro Ouchi	
<i>Computational model of the meaning acquisition of sentence-final particles</i> .....	2823
Natsuki Oka, Naohiro Nonoguchi, Chie Fukada, Motoyuki Ozeki	
<i>Is the breaking point in mental number line in Japanese children five or ten?</i> .....	2824
Masahiko Okamoto, Sari Nakamura	
<i>Influences of a potential interlocutor on the utterances of the speakers who try to describe objects</i>	2825
Junji Okamoto, Saori Ushiyama	
<i>Delay of word order development in Japanese? Evidence from a preferential looking study with 19 and 30-month-old children</i> .....	2826
Akira Omaki, Romy Lassotta, Tessei Kobayashi, Luigi Rizzi, Julie Franck	
<i>Effects of supraliminal and subliminal hint priming on insight problem solving.</i> .....	2827
Ryo Orita, Masasi Hattori	
<i>Transfer of learning from project activities to individual leaning</i> .....	2828
Naoko Osada	
<i>Ranges of storage item sizes in complex working memory span tasks: Latent-variable analysis of the memory load</i> .....	2829
Kazunori Otsuka, Makoto Miyatani	
<i>Does the detection of mind wandering require attentional resources?</i> .....	2830
Sho Otsuka, Takahiro Sekiguchi	
<i>Analysis of the relationship between writing skills and evaluation in an expository writing assignment</i> .....	2831
Hiroko Otsuka, Mio Tsubakimoto, Hiroshi Numata	
<i>Loosely symmetric heuristics as the basis for biases and the empirical Bayes methods</i> .....	2832
Kuratomo Oyo, Tatsuji Takahashi	
<i>How simple explanations change our minds and why we prefer them</i> .....	2833
Michael Pacer, Tania Lombrozo	
<i>The Influence of Culture: Thematic versus Taxonomic Categorization</i> .....	2834
Jo Pan, Yi-Rong Wu, Fan-Ning Cheng, Gert Westermann, Hsueh-Chih Chen, Jon-Fan Hu	
<i>Do Objects Matter for Infants' Formation of a Spatial Category?</i> .....	2835
Youjeong Park, Marianella Casasola	
<i>Cross-level Illusory Conjunction between Implied (Semantic) and Actual (Perceptual) Colors</i> ....	2836
Chan Jeong Park, Anna Wing Yee Ho, Geroldene H. T. Tsui, J. T. Y. Chan, X. Luo, Chia-Huei Tseng	



<i>Judgment under uncertainty is not always certainty-oriented</i> .....	2837
Youngjun Park, Kyungil Kim	
<i>The Effect of Perceptual Complexity on Affective Picture Processing</i> .....	2838
Taejin Park, Soodam Park	
<i>Effect of Saliency-Based Masking in Scene Classification</i> .....	2839
Tae-Suh Park, Byoung-Tak Zhang	
<i>fMRI evidence for sensitivity to coherence and context in the theory of mind network</i> .....	2840
Alexander Paunov, Jorie Koster-Hale, Rebecca Saxe	
<i>The Role of Linguistic Knowledge in Hue Perception</i> .....	2841
Katherine Phelps, Steve Duman, Kevin Gould, Les Sikos	
<i>fMRI of attention and automaticity in judgments from facial appearance</i> .....	2842
Ramsey Raafat, Nikos Konstantinou, Chris Frith, Nilli Lavie, Nick Chater	
<i>Cooperative Behavior in Multicultural Settings: The Contribution of Altruistic Punishment</i> .....	2843
Daniela Rabellino, Rosalba Morese, Angela Ciaramidaro, Bruno G. Bara, Rosalba Rosato, Francesca M. Bosco	
<i>Why so Stressful? The effect of coping strategies and social support to undergraduate students in Korea</i> .....	2844
Young Sun Ryu, Ha Rim Kim, Jeong Ryu	
<i>Automatic Reverse Engineering of Human Behavior Based on Text for Knowledge Acquisition</i> ...	2845
Rafal Rzepka, Kenji Araki	
<i>The Internal Structures of Sound-Symbolic Systems: the Universal and Language-Specific Portions of Sound Symbolism</i> .....	2846
Noburo Saji, Kimi Akita, Mutsumi Imai, Katerina Kantartzis, Sotaro Kita	
<i>Does word order influence non-verbal event description by speakers of OS language?</i> .....	2847
Hiromu Sakai, Takuya Kubo, Hajime Ono, Manami Sato, Masatoshi Koizumi	
<i>Embodied Skill to Activate Communication in TV Shows</i> .....	2848
Rui Sakaida, Masaki Suwa	
<i>Collective decision-making processes in online social networks</i> .....	2849
Yasuaki Sakamoto	
<i>Innovating scuba diving education through enhanced immersion and authenticity within the eDiving® environment</i> .....	2850
Ron Salden	
<i>What is promoted by imitation, what promotes imitation: Relation to understanding of other's mental states</i> .....	2851
Wakako Sanefuji, Tomoka Yamamoto, Ikuko Mohri, Masako Taniike	
<i>Conditions that Modulate Perceptual Interference</i> .....	2852
Ava Santos, Lawrence Barsalou, Christy Wilson	
<i>Contribution of the positive emotional sounds to upward vection</i> .....	2853
Kyoshiro Sasaki, Takeharu Seno, Yuki Yamada, Kayo Miura	

<i>Surmising of location with vague embodied agent's instructions</i> .....	2854
Ryo Sato, Yugo Takeuchi	
<i>Looking at nothing facilitates memory retrieval</i> .....	2855
Agnes Scholz, Katja Mehlhorn, Josef Krems	
<i>Does Talking to a Robot in a High-Pitched Voice Strengthen an Attachment?</i> .....	2856
Ryoko Shibata, Takatsugu Kojima, Chie Fukada, Kaori Sato, Yuki Hachikura, Motoyuki Ozeki, Natsuki Oka	
<i>An explanation for status of listening to the late musical works of Morton Feldman by cognitive point of view</i> .....	2857
Takuro Shibayama, Tatsuji Takahashi	
<i>A tool supporting conflation of video and picture for physical expression</i> .....	2858
Satoshi Shibuya, Ken-ichi Kimura	
<i>Narrative Blending and Tense Aspect by Learners of Korean as a Second Language</i> .....	2859
Eunji Shim	
<i>Reassessing the motivation effect of illustrations in text comprehension</i> .....	2860
Hideaki Shimada	
<i>Brain activity during observation of other's action in live and delayed video-mediated social interaction</i> .....	2861
Sotaro Shimada	
<i>Many faces of diagrams: from general properties to practical advantages and disadvantages</i> .....	2862
Atsushi Shimojima	
<i>Learning Grammar via Statistical Mechanism</i> .....	2863
WonJae Shin, Kathleen Marie Eberhard	
<i>Can you see things from your opponent's point of view? – The relationship between critical thinking dispositions and the ability to articulate views different from one's own</i> .....	2864
Noriko Shingaki, Yukie Tsuzuki	
<i>Magic props induce misdirection differently from the magician's face</i> .....	2865
Marie Shoda, Kazuhiko Yokosawa	
<i>Infants form expectations about others' emotions based on context and perceptual access</i> .....	2866
Amy Skerry, Mina Cikara, Susan Carey, Elizabeth Spelke, Rebecca Saxe	
<i>The conflict response of charitable donations on various decoy options</i> .....	2867
Masashi Soma, Itsuki Chiba, Yuichi Hasimoto	
<i>A Neuro-Robotics Model for the Acquisition of Higher Order Concepts in Action and Language</i> .	2868
Francesca Stramandinoli, Davide Marocco, Angelo Cangelosi	
<i>Representational Translation with Concrete and Virtual Models in Organic Chemistry</i> .....	2869
Andrew Stull, Trevor Barrett, Mary Hegarty	
<i>Language and Number Sense: ANS Representations for 'Most'</i> .....	2870
Yasutada Sudo, Hadas Kotek, Michelle Fullwood, Martin Hackl	

<i>A left cerebral hemisphere's superiority in processing spatial-categorical relation in a non-verbal semantic format.</i> .....	2871
Takashi Suegami, Bruno Laeng	
<i>What role do you play in group activity? Objective evaluation through third parties</i> .....	2872
Noriko Suzuki, Tosiro Kamiya, Ichiro Umata, Sadanori Ito, Shoichiro Iwasawa, Mamiko Sakata, Katsunori Shimohara	
<i>Do we prefer simple realities or simple descriptions?</i> .....	2873
Colleen Szurkowski, David Landy	
<i>Developing and Testing "Visualizing Connection Note," a Constraint-Free Two-Dimensional Concept-Mapping Tool for Ideation</i> .....	2874
Yuisho Takafuji, Hajime Shirouzu	
<i>Cognitive process of the children with reading difficulties: Analysis of the reading patterns with customizable digital reading software.</i> .....	2875
Maiko Takahashi, Mamoru Iwabuchi, Kenryu Nakamura	
<i>Infant biases in lexical acquisition induced by loosely symmetric reasoning</i> .....	2876
Tatsuji Takahashi, Takumi Kamiya, Takahiro Shimizu, Shuji Shinohara	
<i>Color Affects Face Perception in Schematic Faces</i> .....	2877
Fumiyo Takahashi, Yasuhiro Kawabata	
<i>Neural substrates of grammatical information retrieval during sentence comprehension</i> .....	2878
Kei Takahashi, Satoru Yokoyama, Toshimune Kambara, Ryuta Kawashima	
<i>Soccer as Social Interaction between Observable Bodies</i> .....	2879
Katsuya Takanashi, Kazuki Sekine	
<i>Tactile sensation and onomatopoeia in Japanese</i> .....	2880
Yufuko Takashima	
<i>A remotely operated robot as a research tool to study the effects of different roles for successful collaborative learning</i> .....	2881
Nakayama Takayaro, Ashikaga Jun, Inaba Sho, Iyoki Kenta, Naomi Miyake	
<i>The Influence of Cognitive Functions to Acquire Nursing Skills for Patient Transfer</i> .....	2882
Keiko Takeda, Yoriko Watanabe, Taeko Harada	
<i>The effect of 3D stereoscopic display on spatial cognition: a near-infrared spectroscopy study</i> ....	2883
Yoshiyuki Tamamiya, Kazuo Hiraki	
<i>Understanding displacement of communication by graphical communication tasks</i> .....	2884
Kaori Tamura, Takashi Hashimoto	
<i>Effect of embodied cognition in insight problem solving</i> .....	2885
Masahiko Tamura, Kazuhisa Miwa	
<i>For female eyes only: Comparing the effects of enlarging eyes and irises on facial attractiveness</i>	2886
Azumi Tanabe-Ishibashi, Mikina Takahashi, Maya Katsuhara, Kana Kuraguchi, Hiroshi Ashida	
<i>Gender difference of social interaction behavior in child's game</i> .....	2887
Daisuke Tanaka, Shinako Terakawa, Ayumi Seki, Hitoshi Uchiyama, Tatsuya Koeda	

<i>Assignment of accent patterns to nonword items in a rapid reading task by Japanese speakers of the Kansai dialect</i> .....	2888
Yuki Tanida, Yoko Higuchi, Yuri Yano, Satoru Saito	
<i>Experience-based modulation of eye-movement behaviour in dynamic and uncertain visual environments</i> .....	2889
Shuichiro Taya, David Windridge, Magda Osman	
<i>Constructing Social Attitudes through Persuasive Writing Training: A Cognitive Approach in Undergraduate Education of Engineering Ethics</i> .....	2890
Emiko Tayanagi	
<i>The nature of the training effects of mental rotation: the limit for transfer to novel orientation</i> .	2891
Haruna Terada, Hiromi Morita	
<i>Multi-platform Experiment to Discuss Behavioral Consistency across Laboratory and Real Situational Studies</i> .....	2892
Hitoshi Terai, Kazuhisa Miwa, Hiroyuki Okuda, Yuichi Tazaki, Tatsuya Suzuki, Kazuaki Kojima, Junya Morita, Akihiro Maehigashi, Kazuya Takeda	
<i>An Exploration of Crossword Skill</i> .....	2893
Kejkaew Thanasuan, Shane Mueller	
<i>Musical thoughts behind composer's writings</i> .....	2894
Akifumi Tokosumi, Akihiro Kawase	
<i>Not just for consumers: Data and theory show that context effects are fundamental to decision-making</i> .....	2895
Jennifer Trueblood, Scott Brown, Andrew Heathcote, Jerome Busemeyer	
<i>A collinear distractor impairs local element search regardless of its probability occurrence</i> .....	2896
Chia-Huei Tseng, Li Jingling, William Oh	
<i>Can Incubation be efficient in Reviewing?</i> .....	2897
Mio Tsubakimoto	
<i>Constraint discovery hint versus constraint relaxation hint in solving insight problems</i> .....	2898
Syoichi Tsujii, Syoji Hamaguchi, Syota Chimura, Hajime Shirouzu	
<i>Heart rate synchronization in collective creative construction tasks</i> .....	2899
Kristian Tylén, Riccardo Fusaroli	
<i>A Longitudinal Study on the Development of Taiwanese Children's Use of Causal and Anaphoric Cue</i> .....	2900
Yuhtsuen Tzeng, Chiung-hsien Tsai	
<i>Measuring Learners' Awareness through Persona-Conjoint Method</i> .....	2901
Hikaru Uchida, Akiko Orita, Masaaki Kunigami, Takao Terano, Atsushi Yoshikawa	
<i>Inhibitory control in event-based prospective memory task: An examination using the retrieval-practice paradigm</i> .....	2902
Kenta Utsumi, Satoru Saito	
<i>Metacognition in children is specific to domain knowledge</i> .....	2903
Vy Vo, Rosa Li, Nate Kornell, Jessica Cantlon	

<i>A study of cognitive style, visual attention distributions and achievement of Web-based multimedia recipes learning</i> .....	2904
Ching-Yeh Wang, Meng-Jung Tsai	
<i>Does self extend to video game avatars? An ERP study</i> .....	2905
Veronica Weser, Ken Livingston	
<i>Social information aids accuracy but hinders adaptation</i> .....	2906
Thomas Wisdom, Keigo Inukai, Wataru Toyokawa, Kameda Tatsuya	
<i>Searching for something familiar or novel: ERP correlates of top-down attentional selection for specific items and categories</i> .....	2907
Rachel Wu, Gaia Scerif, Richard Aslin, Tim Smith, Martin Eimer	
<i>Practicing “Off ice” Collaborative Learning in a University Ice Hockey Team</i> .....	2908
Masayuki Yamada, Masaki Suwa	
<i>Design of motion using mimetic words</i> .....	2909
Kaori Yamada, Toshiharu Taura, Yukari Nagai	
<i>Stochastic dynamics hidden in Japanese martial arts</i> .....	2910
Yuji Yamamoto, Motoki Okumura, Akifumi Kijima, Keiko Yokoyama, Koji Kadota, Hiroo Suzuki, Kazutoshi Gohara	
<i>A Classification of Manner Adverbs in Korean: A Frame-based Approach</i> .....	2911
Myung-Jin Yang	
<i>Brain activities for different cohesion type on discourse comprehension</i> .....	2912
Ken Yasaka, Satoru Yokoyama, Kei Takahashi, Ryuta Kawashima	
<i>Ad hoc creature: Lost and added in translation from description to depiction</i> .....	2913
Sachi Yasuda, Masashi Okamoto, Eiji Aramaki	
<i>The influence of biological cues on the patterns of categorization in non-mental retarded PDD</i> ..	2914
Hsiang-Chun Yeh, Jon-Fan Hu	
<i>Determining people’s expectations about the form of causal relationships</i> .....	2915
Saiwing Yeung, Christopher Lucas, Tom Griffiths	
<i>The role of linguistic inputs on bilingual language development</i> .....	2916
Michael C. W. Yip	
<i>Nothing-absence difference in causal induction and the pARIs rule</i> .....	2917
Junki Yokokawa, Tatsuji Takahashi	
<i>Proficiency in foreign language reading: the relationship between proficiency test score and reading times</i> .....	2918
Satoru Yokoyama	
<i>Toward a history-sensitive description of syntactic development</i> .....	2919
Masato Yoshikawa	
<i>Pictogram Network to Support English Composition Instructors</i> .....	2920
Sayuri Yoshizawa-Watanabe, Masaaki Kunigami, Satoshi Takahashi, Atsushi Yoshikawa, Takao Terano	

<i>Preschoolers Use Timing of Causal Actions as a Cue for Categorization</i> .....	2921
Yue Yu, Tamar Kushnir	
<i>The Rhetoric of Defamiliarization for Narrative Generation using the Constraints in a Conceptual Dictionary</i> .....	2922
Yike Zhang, Junpei Ono, Takashi Ogata	
<b>Author Index</b> .....	2923
<b>Reviewers List</b> .....	2943