

CogSci2006

28th Annual Meeting of the
Cognitive Science Society



July 26-29, 2006
Vancouver, BC, Canada

Introduction

The 28th Annual Conference of the Cognitive Science Society will take place in Vancouver, Canada, at the Sheraton Vancouver Wall Centre, July 26-July 29, 2006.

Each year, the Cognitive Science conference highlights a particular area of cognitive science. This year, the theme of "Learning: Tackling Both Implicit and Explicit Processes" was chosen. This is reflected in the choice of the plenary speakers, as well as the plenary symposia. The rest of the program was determined by the submissions received, and by the reviewers' and the program committee's decisions on them. However, it is good to note that quite a few of the submissions seem to have been inspired by this theme.

In total, 575 submissions were received. Of these, 152 were scheduled for oral presentation, and 260 for poster presentation. 9 symposia and 14 publication based talks were also scheduled. 215 member abstract submissions were received, which, by design, were only lightly reviewed, and 209 of them were accepted. In addition, 6 tutorials and 3 workshops were scheduled for the day right before the main conference.

Organizing the conference involves a tremendous amount of work for an extended period of time. It could not have been done without the help from many people. Thanks are due to the members of the Organizing Committee, for managing various aspects of the conference; the members of the Program Committee, for their work in the review process; the almost 700 reviewers, for providing thorough and helpful reviews; the members of the Local Organization Committee, for managing local arrangements. See the listings of these committees on subsequent pages.

In addition, thanks are due to Wayne Gray, for helpful discussions on many aspects of conference organization; James Stewart, for quickly diagnosing and fixing any problem arising from the submission/reviewing software; Tom Ward, for sending out many announcements to the membership of the Society; and Brittney Oppermann, for miscellaneous help.

Thanks are also due to all the sponsors (which are listed on a subsequent page). And above all, thanks are due to all the authors, the presenters, and the attendees of CogSci2006 for making it a success.

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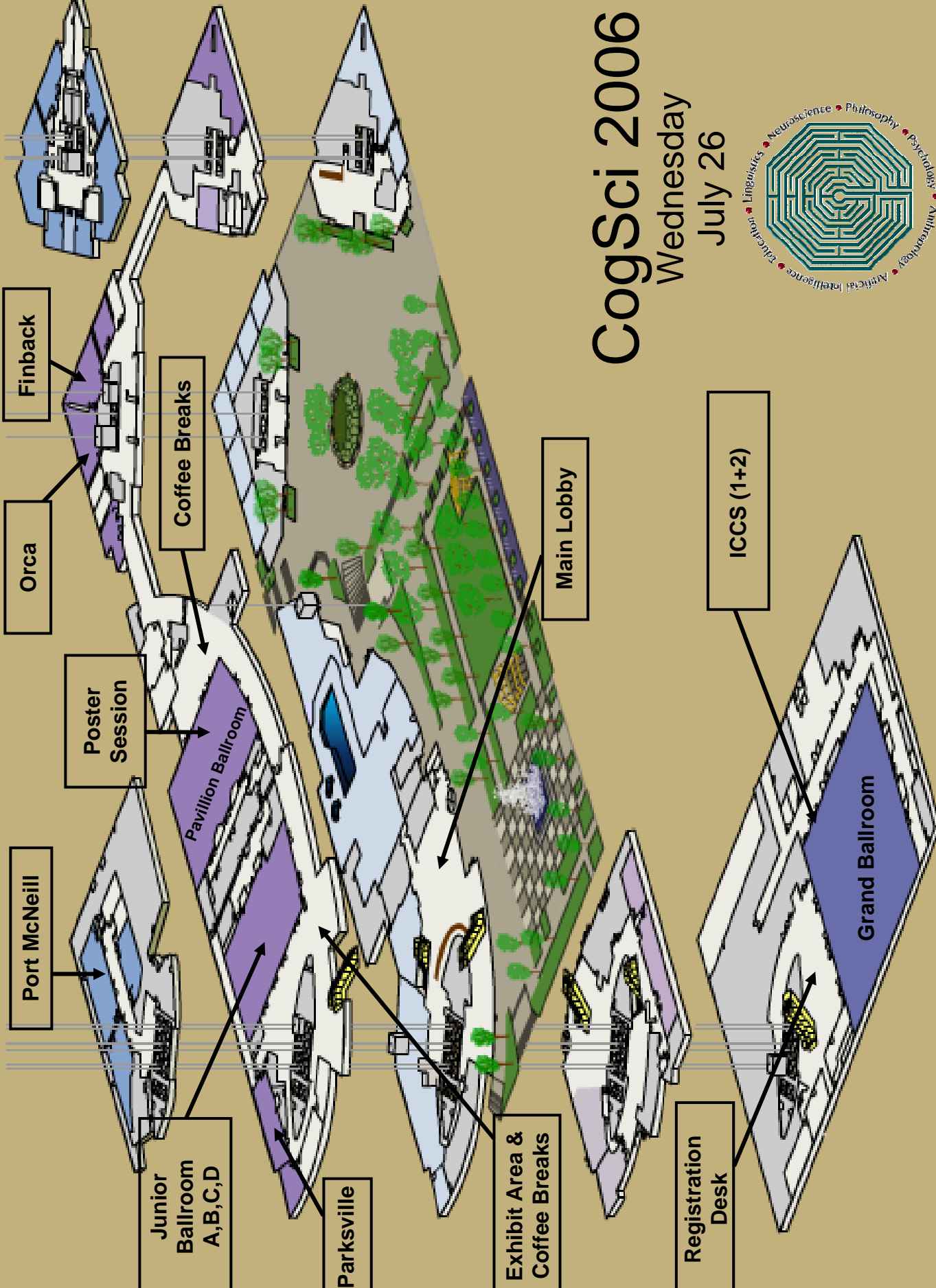
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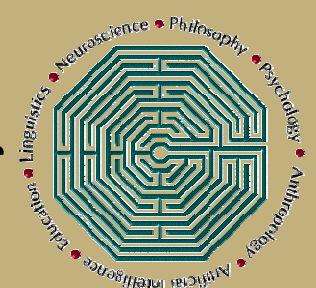
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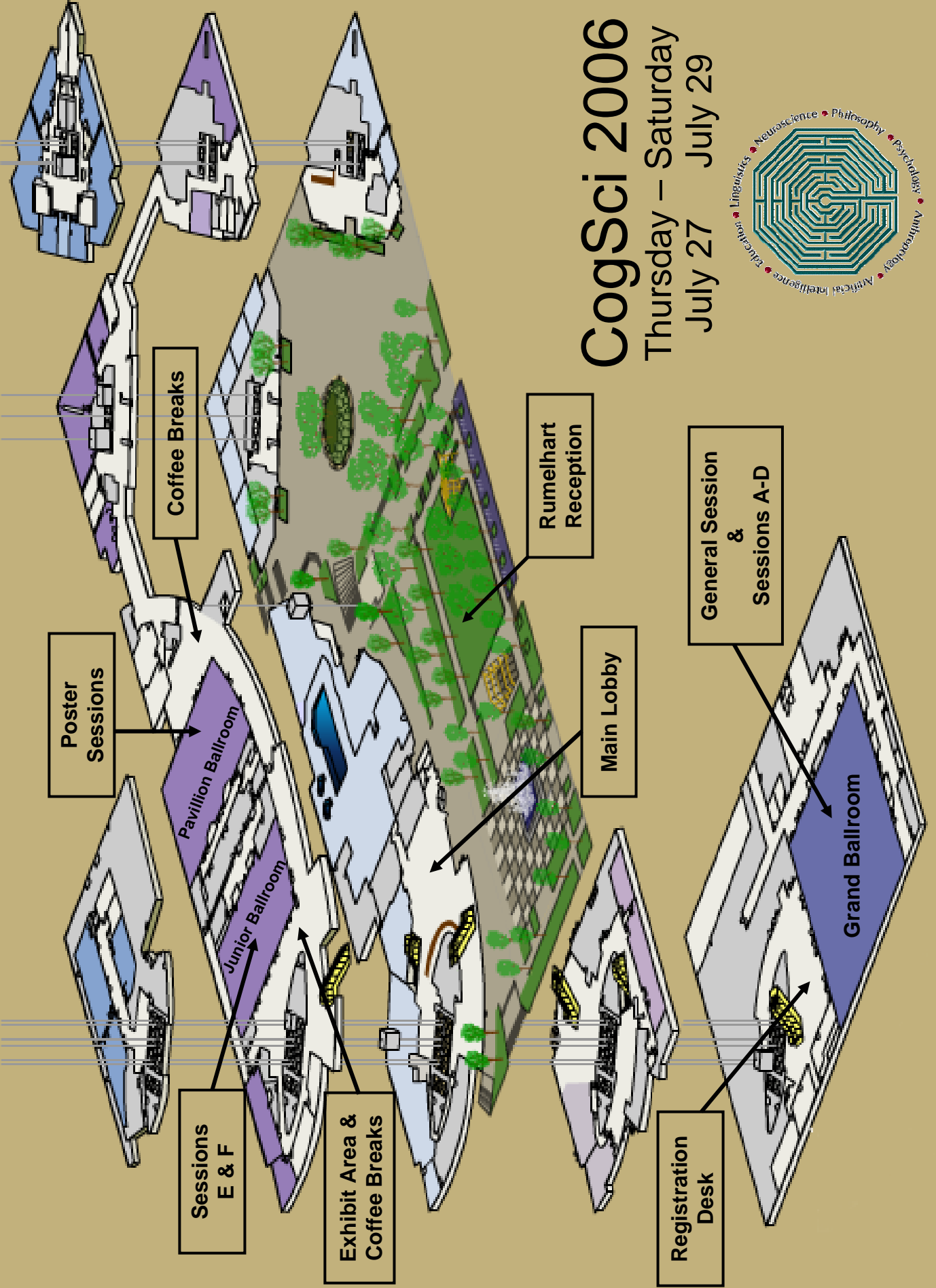
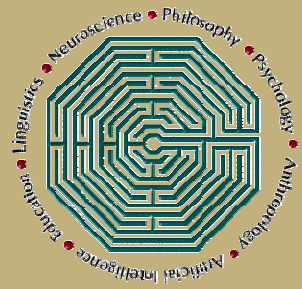
CogSci 2006

Wednesday
July 26



CogSci 2006

Thursday – Saturday
July 27 July 29



Wednesday (July 26th, 2006)		
Tutorial and Workshop Schedule		
8:30am-12:00 (with a coffee break between 10:00-10:30am) Pavillion and Junior Ballroom Foyers		
Tutorial (full day)	Bayesian Models of Inductive Learning Junior Ballroom D	<i>Tom Griffiths, Charles Kemp, and Josh Tenenbaum</i>
Tutorial (half day)	Constraint-Based Modeling: An Introduction Orca Room	<i>Stellan Ohlsson and Antonija Mitrovic</i>
Tutorial (half day)	Artificial Life as a Virtual Lab for Cognitive Science Experiments - Port McNeill Room	<i>Marcio Lobo Netto</i>
Tutorial (half day)	Speech Perception: Linking Computational Models and Human Data - Finback Room	<i>Ted J. Strauss, Daniel Mirman, and James S. Magnuson</i>
Workshop (full day)	What Have Eye Movements Told Us So Far and What is Next - Junior Ballroom C	<i>Mariana M. Silva and Anna L. Cox</i>
Workshop (full day)	Cognitive Science of Games and Gameplay Junior Ballroom AB	<i>Craig Lindley, Jussi Holopainen, Wijnand A. Ijsselsteijn, Niklas Ravaja, Charlotte Sennersten</i>
12:45-1:30 pm Free lunchtime presentation - <i>Laura F. McGinnis</i> : The NSF TeraGrid Parkville Room		
1:30-5:00pm (with a coffee break between 3:00-3:30pm) Pavillion and Junior Ballroom Foyers		
Tutorial (full day)	Bayesian Models of Inductive Learning Junior Ballroom D	<i>Tom Griffiths, Charles Kemp, and Josh Tenenbaum</i>
Tutorial (half day)	ACT-R Tutorial - Orca Room	<i>Niels Taatgen and Hedderik van Rijn</i>
Tutorial (half day)	Introduction to Affective Computing and Affective Modeling - Port McNeill Room	<i>Eva Hudlicka</i>
Workshop (half day)	Workshop on Literature in Cognition and Computer - Finback Room	<i>Akifumi Tokosumi</i>
Workshop (full day)	What Have Eye Movements Told Us So Far and What is Next - Junior Ballroom C	<i>Mariana M. Silva and Anna L. Cox</i>
Workshop (full day)	Cognitive Science of Games and Gameplay Junior Ballroom AB	<i>Craig Lindley, Jussi Holopainen, Wijnand A. Ijsselsteijn, Niklas Ravaja, Charlotte Sennersten</i>

Thursday Meeting Schedule

8:50-9:00 am	Opening Remarks Grand Ballroom					
9:00-10:00 am	Session 7-27-1: Plenary Talk Conscious and Unconscious Strategy Discovery <i>Robert Siegler</i> Grand Ballroom					
10:00 - 10:30 am	Coffee Break and Exhibits - Pavillion and Junior Ballroom Foyers					
10:30 am- 12:00 pm	Session 7-27-2A: Symposium - Beyond Whorf: Language Affects Thought Grand Ballroom A	Session 7-27-2B: Learning Grand Ballroom B	Session 7-27-2C: Perception Grand Ballroom C	Session 7- 27-2D: Language Grand Ballroom D	Session 7-27-2E: Action Junior Ballroom ABC	Session 7-27-2F: Reasoning Junior Ballroom D
12:00 - 1:30 pm	Lunch on your own					
1:30 - 3:00 pm	Session 7-27-3A: Symposium - Statistical Learning in Language, Vision, and Comparative Cognition: What Have We Learned, Where are We Going? Grand Ballroom A	Session 7-27-3B: Learning Grand Ballroom B	Session 7-27-3C: Perception Grand Ballroom C	Session 7- 27-3D: Language Grand Ballroom D	Session 7-27-3E: Expertise Junior Ballroom ABC	Session 7-27-3F: Reasoning Junior Ballroom D
3:00 - 3:30 pm	Coffee Break and Exhibits - Pavillion and Junior Ballroom Foyers					
3:30 - 5:00 pm	Session 7-27-4A: Symposium - Computational Modeling of Bilingualism Grand Ballroom A	Session 7-27-4B: Learning Grand Ballroom B	Session 7-27-4C: Perception and Action Grand Ballroom C	Session 7- 27-4D: Language Grand Ballroom D	Session 7-27-4E: Theoretical Issues Junior Ballroom ABC	Session 7-27-4F: Biological Studies and Modeling Junior Ballroom D
5:30 - 7:00 pm	Session 7-27-5: Plenary Symposium The Synergy between Implicit and Explicit Learning Processes Grand Ballroom					
7:00 - 10:30 pm	Reception and Poster Session 1 - Pavillion Ballroom					

Friday Meeting Schedule

9:00 – 10:00 am	Session 7-28-1: Plenary Talk Specificity of Implicit and Explicit Memory <i>Daniel Schacter</i> Grand Ballroom					
10:00 - 10:30 am	Coffee Break and Exhibits - Pavillion and Junior Ballroom Foyers					
10:30 am- 12:00 pm	Session 7-28-2A: Symposium- Laboratory Learning: Cognitive and Learning Practices in University Research Laboratories Grand Ballroom A	Session 7-28-2B: Learning Grand Ballroom B	Session 7-28-2C: Perception Grand Ballroom C	Session 7- 28-2D: Language Grand Ballroom D	Session 7-28-2E: Memory Junior Ballroom ABC	Session 7-28-2F: Decision Making Junior Ballroom D
12:00 - 1:30 pm	Lunch on your own					
1:30 – 3:00 pm	Session 7-28-3A: Symposium- Distributed Cognition in Healthcare Grand Ballroom A	Session 7-28-3B: Learning Grand Ballroom B	Session 7-28-3C: Perception and Imagery Grand Ballroom C	Session 7- 28-3D: Language Grand Ballroom D	Session 7-28-3E: Memory Junior Ballroom ABC	Session 7-28-3F: Decision Making Junior Ballroom D
3:00 – 3:30 pm	Coffee Break and Exhibits - Pavillion and Junior Ballroom Foyers					
3:30 – 5:00 pm	Session 7-28-4A: Symposium- Cultural Impacts on Cognition Grand Ballroom A	Session 7-28-4B: Learning Grand Ballroom B	Session 7-28-4C: Social Interaction Grand Ballroom C	Session 7- 28-4D: Language Grand Ballroom D	Session 7-28-4E: Development Junior Ballroom ABC	Session 7-28-4F: Categorization Junior Ballroom D
5:30 – 6:30 pm	Session 7-28-5: Rumelhart Award Talk Thought Experiments in Scientific Discovery: What Emergent Mental Capabilities Underlie their Efficacy? <i>Roger Shepard</i> Grand Ballroom					
6:30 – 7:15 pm	Rumelhart Reception Volunteer Square (Lobby Level – Outside)					
7:15 – 10:30 pm	Reception and Poster Session II - Pavillion Ballroom					

Saturday Meeting Schedule

8:30 - 10:00 am	Session 7-29-1A: Symposium- Modeling the Impact of Cognitive Moderators on Human Cognition and Performance Grand Ballroom A	Session 7-29-1B: Learning and Instruction Grand Ballroom B	Session 7-29-1C: Social Interaction Grand Ballroom C	Session 7- 29-1D: Language Grand Ballroom D	Session 7-29-1E: Development Junior Ballroom ABC	Session 7-29-1F: Categorization Junior Ballroom D
10:00 - 10:30 am	Coffee Break and Exhibits - Pavillion and Junior Ballroom Foyers					
10:30 am - 12:00 pm	Session 7-29-2A: Symposium- Building and Evaluating Models of Human- Level Intelligence Grand Ballroom A	Session 7-29-2B: Theoretical and Methodological Issues Grand Ballroom B	Session 7-29-2C: Culture Grand Ballroom C	Session 7- 29-2D: Language and Non- Verbal Behavior Grand Ballroom D	Session 7-29-2E: Development Junior Ballroom ABC	Session 7-29-2F: Similarity, Typicality, Analogy, and Metaphor Junior Ballroom D
12:00 -1:30 pm	Lunch on your own					
1:30 - 3:00 pm	Session 7-29-3A: Symposium- Music and Cognition: What Cognitive Science can Learn from Music Cognition Grand Ballroom A	Session 7-29-3B: Social Cognition Grand Ballroom B	Session 7- 29-3C: Concept Grand Ballroom C	Session 7-29-3D: Development Grand Ballroom D	Session 7-29-3E: Rumelhart Symposium - Exploring Mind and World: A Symposium in Honor of Roger Shepard Junior Ballroom	
3:00- 3:30 pm	Coffee Break and Exhibits - Pavillion and Junior Ballroom Foyers					
3:30 - 5:00 pm	Session 7-29-4: Plenary Symposium The Emerging Learning Sciences Grand Ballroom					
5:30 - 7:00 pm	Cognitive Science Society Business Meeting Grand Ballroom					
7:00 - 10:30 pm	Reception and Poster Session III - Pavillion Ballroom and Junior Ballroom					

Program notes:

International Conference on Cognitive Science (Asia-Pacific)

Wednesday, July 26

General Session meeting - Grand Ballroom A
Symposium & Workshops - Grand Ballroom A & D
Poster Session - Pavillion Ballroom

Registration/information desk hours: (*Grand Ballroom Level*)

Wednesday – 7:30 am to 5:30 pm
Thursday – 7:30 am to 5:30 pm and 6:30 – 7:30 pm
Friday – 8:00 am to 5:30 pm and 7:00 – 8:00 pm
Saturday – 8:00 am to 5:30 pm and 6:00 – 7:00 pm

Society Executive Committee – Wednesday 12:15 – 5:00 pm

Governing Board Lunch Meetings

Thursday 12:00 – 2:00 pm
Friday 12:00 – 1:30 pm
Port Alberni

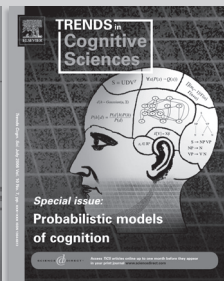
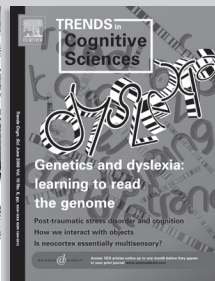
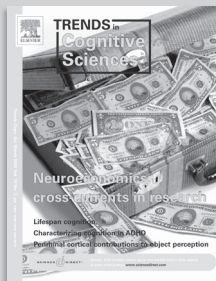
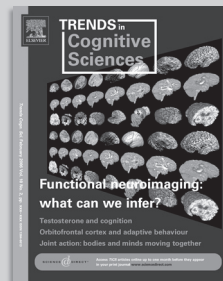
Fellows Committee Meeting

Thursday night – 6:00 – 9:00 pm - *Port Alberni*

Cognitive Science Society Business Meeting

Saturday 5:30 – 7:00pm
Grand Ballroom

TRENDS in
**Cognitive
Sciences**



TiCS publishes timely Reviews and Opinions each month, thereby providing an instant overview of current thinking for cognitive scientists and students who want to keep up with exciting trends in rapidly progressing and emerging areas.

Recent articles of interest include:

Special issue on 'Probabilistic models of cognition' (July 2006), edited by Nick Chater, Josh Tenenbaum and Alan Yuille

Are there interactive processes in speech perception? (August 2006), by Jay McClelland, Lori Holt and Daniel Mirman

Implicit learning and statistical learning: one phenomenon, two approaches (May 2006), by Pierre Perruchet and Sebastien Pacton

Language, embodiment, and the cognitive niche (August 2006), by Andy Clark

Neuroeconomics: cross-currents in research on decision-making (March 2006), by Alan Sanfey, George Loewenstein, Samuel McClure and Jonathan Cohen

Special issue on 'Cognitive development: at the crossroads?' (March 2005), edited by Mark Johnson and Yuko Munakata



	CogSci2006 Main Program Information	
	July 26th, 2006. Wednesday	
	July 26th, 2006. 8:30AM-5:00PM	
	Tutorial and Workshop Programs (<i>Chairs: Frank Keller and Mike Schoelles</i>)	
	July 27th, 2006. Thursday	
	July 27th, 2006. 7:30AM-8:50AM	
	Registration	Grand Ballroom Level
	July 27th, 2006. 8:50AM-9:00AM	
	Opening Remarks (Chair: Ron Sun)	Grand Ballroom
	July 27th, 2006. 9:00AM-10:00AM	
	Session 7-27-1: Plenary Talk (Chair: Wayne Gray)	Grand Ballroom
	Conscious and Unconscious Strategy Discovery	<i>Robert Siegler</i>
	July 27th, 2006. 10:00AM-10:30AM	
	Coffee Break	Pavillion and Junior Ballroom Foyers
	July 27th, 2006. 10:30AM-12:00PM	
	Session 7-27-2A: Symposium (Chair: Gary Lupyan)	Grand Ballroom A
	Beyond Whorf: Language Affects Thought	<i>Gary Lupyan, Lera Boroditsky, Robert Goldstone, Terry Regier, Debi Roberson</i>
	Session 7-27-2B: Learning (Chair: Axel Cleeremans)	Grand Ballroom B
	Implicit Learning of Form-Meaning Connections	<i>Janny Leung, John Williams</i>
	Synergy Between Memory and Model-based Processing: Integration Facilitated by Animation	<i>Bill Sallas, Robert Mathews, Sean Lane, Ron Sun</i>
	Processing Strategies, Fluency, and Confidence in Artificial Grammar Learning	<i>Tobias Johansson</i>
	Can Implicit Sequence Learning be Based on a Sequence of Response Selections?	<i>Natacha Deroost, Inge Zeeuws, Eric Soetens</i>
	Session 7-27-2C: Perception (Chair: Garrison Cottrell)	Grand Ballroom C
	The Effect of Personal Familiarity on the Speed of Face Recognition	<i>Benjamin Balas, David Cox, Erin Conwell</i>
	Automatic Visual Integration: Defragmenting the Face	<i>Luke Barrington, Garrison Cottrell</i>
	A Dynamic Neural Field Theory of Multi-Item Visual Working Memory and Change Detection	<i>Jeffrey Johnson, John Spencer, Gregor Schonher</i>
	Six-Months-Olds' Perception of Goal-Directed, Animated Motion	<i>Anne Schlottmann, Elizabeth d Ray, Jane Cownie</i>

July 27th, 2006. 10:30AM-12:00PM		
	Session 7-27-2D: Language (Chair: Ray Perez)	Grand Ballroom D
	Attentional Modulation of Lexical Effects on Speech Perception: Computational and Behavioral Experiments	<i>Daniel Mirman, James L. McClelland, Lori L. Holt</i>
	A 'Triangle Model' of Chinese Reading	<i>Jianfeng Yang, Jason Zevin, Shu Hua, Bruce McCandliss, Ping Li</i>
	Object Naming and Later Lexical Development	<i>Eef Ameel, Barbara Malt, Gert Storms</i>
	Using Children to Evaluate Syntax Acquisition Algorithms	<i>Franklin Chang, Elena Lieven, Michael Tomasello</i>
	Session 7-27-2E: Action (Chair: Susan Chipman)	Junior Ballroom ABC
	Reach Control and Planning Utilize the Same Representation	<i>Lari Vainio, Rob Ellis, Mike Tucker</i>
	Properties of Synergies Arising from a Theory of Optimal Motor Behavior	<i>Manu Chhabra, Robert Jacobs</i>
	Through the Looking Glass: Action Learning from Different Perspectives	<i>Sandra Lozano, Bridgette Martin, Barbara Tversky</i>
	The Brain Implements Optimal Decision Making between Alternative Actions	<i>Rafal Bogacz, Kevin Gurney</i>
	Session 7-27-2F: Reasoning (Chair: Yingrui Yang)	Junior Ballroom D
	Understanding the Causal Logic of Confounds	<i>Bjoern Meder, York Hagmayer, Michael R. Waldmann</i>
	What We Can Learn from Causal Conditional Reasoning about the Naive Understanding of Causality	<i>Sieghard Beller</i>
	Issues in Reasoning about Iffy Propositions: Reasoning Times in the Syntactic-Semantic Counter-Example Prompted Probabilistic Thinking and Reasoning Engine	<i>Walter Schroyens</i>
	Is the Weighting of Contingency Data Contingent on the Hypothesis Assessed?	<i>David Mandel, Oshin Vartanian</i>
July 27th, 2006. 12:00PM-1:30PM		
	Lunch (on your own)	
July 27th, 2006. 1:30PM-3:00PM		
	Session 7-27-3A: Symposium (Chair: Elissa Newport)	Grand Ballroom A
	Statistical Learning in Language, Vision, and Comparative Cognition: What Have We Learned, Where are We Going?	<i>Elissa Newport, Richard Aslin, Daniel Weiss, Lila Gleitman</i>
	Session 7-27-3B: Learning (Chair: Glenn Gunzelmann)	Grand Ballroom B
	Is Learning in SRT Tasks Robust Across Procedural Variations?	<i>Stephanie Chambaron, Dominique Ginjac, Pierre Perruchet</i>
	The Fit of the Implicit Cognition Paradigm to Science Education Research: An Exploratory Analysis	<i>Gwendolyn Campbell, Simone Chin</i>
	Solving the Credit Assignment Problem: Explicit and Implicit Learning with Internal and External State Information	<i>Wai-Tat Fu, John R. Anderson</i>
	Learning in Dynamic Decision Making: Information Utilization and Future Planning	<i>Wai-Tat Fu, Cleotilde Gonzalez</i>

July 27th, 2006. 1:30PM-3:00PM		
	Session 7-27-3C: Perception (Chair: Michael Mozer)	Grand Ballroom C
	Swimming in the Underlying Stream: Computational Models of Gaze in a Comparative Behavioral Analysis of Autism	<i>Frederick Shic, Warren Jones, Ami Klin, Brian Scassellati</i>
	Visual Availability and Fixation Memory in Modeling Visual Search using the EPIC Architecture	<i>David Kieras, Sandra Marshall</i>
	Controlling Attention With Noise: The Cue-Combination Model of Visual Search	<i>David Baldwin, Michael Mozer</i>
	How Prior Knowledge and Text Coherence Affect Eye Fixations in Hypertext Overviews	<i>Ladislao Salmeron, Thierry Baccino, Jose J. Canas</i>
	Session 7-27-3D: Language (Chair: Hansjoerg Neth)	Grand Ballroom D
	Combining Syntax and Thematic Fit in a Probabilistic Model of Sentence Processing	<i>Ulrike Pado, Frank Keller, Matthew Crocker</i>
	Event Structure and Discourse Coherence Biases in Pronoun Interpretation	<i>Hannah Rohde, Andrew Kehler, Jeffrey Elman</i>
	Unifying Cross-Linguistic and Within-language Patterns of Finiteness Marking in MOSAIC	<i>Daniel Freudenthal, Julian Pine, Fernand Gobet</i>
	The Influence of Explicit Markers on Slow Cortical Potentials During Figurative Language Processing	<i>Christopher Schwint, Todd Ferretti, Albert Katz</i>
	Session 7-27-3E: Expertise (Chair: Chris Schunn)	Junior Ballroom ABC
	Expertise and the Illusion of Comprehension	<i>Ben Jee, Jennifer Wiley, Thomas Griffin</i>
	Planning, Evaluation, and Cognition: Exploring the Structure and Mechanisms of Expert Performance in a Representative Dynamic Task	<i>Kevin R. Harris, Lauren Tashman, Jason Ramrattan, Paul Ward, David W. Eccles, K. Anders Ericsson, A. Mark Williams</i>
	One-hit Wonders in Classical Music: Evidence and an Explanation for an Early Career Peak	<i>Aaron Kozbelt</i>
	Conceptual Change in Non-Euclidean Mathematics	<i>Jennifer Asmuth, Lance Rips</i>
	Session 7-27-3F: Reasoning (Chair: Jonathan Evans)	Junior Ballroom D
	Deontic Logic and Deontic Goals in the Wason Selection Task	<i>Momme von Sydow, York Hagemayer</i>
	When does ignorance make us smart? Additional factors guiding heuristic inference.	<i>C. Philip Beaman, Rachel McCloy, Philip T. Smith</i>
	Order Bias and the Suppositional Disjunction	<i>Shira Elqayam, Jonathan St.B.T. Evans, David E. Over, Eyvind Ohm</i>
	Sudden and Gradual Processes of Insight Problem Solving: Investigation by Combination of Experiments and Simulations	<i>Hitoshi Terai, Kazuhisa Miwa</i>
July 27th, 2006. 3:00PM-3:30PM		
	Coffee Break	Pavillion and Junior Ballroom Foyers

July 27th, 2006. 3:30PM-5:00PM		
	Session 7-27-4A: Symposium (Chair: Ping Li)	Grand Ballroom A
	Computational Modeling of Bilingualism	<i>Ping Li, Curt Burgess, Robert French, Yasuhiro Shirai, Michael Thomas</i>
	Session 7-27-4B: Learning (Chair: Stellan Ohlsson)	Grand Ballroom B
	Undoing One's learning	<i>Magda Osman</i>
	Learning Overhypotheses	<i>Charles Kemp, Amy Perfors, Joshua Tenenbaum</i>
	Lateral Inhibition Explains Savings in Conditioning and Extinction	<i>Ashish Gupta, David Noelle</i>
	The Role of Reliability in Human Contingency Judgments	<i>Matthew Jacques, Pierre Mercier</i>
	Session 7-27-4C: Perception and Action (Chair: Ray Perez)	Grand Ballroom C
	Modeling the Scheduling of Eye Movements and Manual Responses in Performing A Sequence of Discrete Tasks	<i>Shu-Chieh Wu, Roger W. Remington, Richard Lewis</i>
	Hemispheric Differences Emerge from Perceptual Learning: Evidence from Modeling Chinese Character Pronunciation	<i>Janet Hui-wen Hsiao, Richard Shillcock</i>
	Multiple Systems for Visuospatial Imagery	<i>Jeffrey M. Zacks</i>
	An Adaptive Combination Approach to Spatial Representation: Using Geometric and Featural Spatial Information	<i>Nora Newcombe</i>
	Session 7-27-4D: Language (Chair: Sean Lane)	Grand Ballroom D
	A Temporal Signal Reveals Chunk Structure in the Writing of Word Phrases	<i>Peter Cheng, Hectora Rojas-Anaya</i>
	Using Phoneme Distributions to Discover Words and Lexical Categories in Unsegmented Speech	<i>Morten H. Christiansen, Stephen A. Hockema, Luca Onnis</i>
	Phonological Neighborhood Density in Native and Non-Native Word Production	<i>Henrike Blumenfeld, Viorica Marian</i>
	Session 7-27-4E: Theoretical Issues (Chair: Art Markman)	Junior Ballroom ABC
	Dual System Theories of Cognition: Some Issues	<i>Jonathan St B T Evans</i>
	Understanding the Advantages of Modularity in Neural Systems	<i>John Bullinaria</i>
	Componential Explanation in Philosophy, Cognitive Science and Computer Science	<i>Tibor Bosse, Catholijn Jonker, Jan Treur</i>
	Cartesian 'Ideas' and the First (17th C) Cognitive Revolution	<i>Peter Slezak</i>
	Session 7-27-4F: Biological Studies and Modeling (Chair: Glenn Gunzelmann)	Junior Ballroom D
	Mind-Wandering With and Without Awareness: An fMRI Study of Spontaneous Thought Processes	<i>Rachelle Smith, Kamyar Keramatian, Jonathan Smallwood, Jonathan Schooler, Brian Luus, Kalina Christoff</i>

	Session 7-27-4F: Biological Studies and Modeling (Chair: Glenn Gunzelmann)	Junior Ballroom D
	Cognitive Neuroendocrinology: Risk Preference Changes across the Menstrual Cycle	<i>Bruce Burns</i>
	Computational Modeling of the Combined Effects of Circadian Rhythm and Sleep Deprivation	<i>Joshua Gross, Glenn Gunzelmann, Kevin Gluck, Hans van Dongen, David Dinges</i>
July 27th, 2006. 5:30PM-7:00PM		
	Session 7-27-5: Plenary Symposium (Chairs: Ron Sun and Robert Mathews)	Grand Ballroom
	The Synergy between Implicit and Explicit Learning Processes	<i>Axel Cleeremans, Zoltan Dienes, Lynne Reder, Robert Mathews</i>
July 27th, 2006. 7:00PM-10:30PM		
	Reception and Poster Session I (Chair: Nick Cassimatis)	Pavillion Ballroom
July 28th, 2006. Friday		
July 28th, 2006. 9:00AM-10:00AM		
	Session 7-28-1: Plenary Talk (Chair: Ron Sun)	Grand Ballroom
	Specificity of Implicit and Explicit Memory	<i>Daniel Schacter</i>
July 28th, 2006. 10:00AM-10:30AM		
	Coffee Break	Pavillion/Junior Ballroom Foyers
July 28th, 2006. 10:30AM-12:00PM		
	Session 7-28-2A: Symposium (Chair: Nancy Nersessian)	Grand Ballroom A
	Laboratory Learning: Cognitive and Learning Practices in University Research Laboratories	<i>Nancy Nersessian, Wendy Newstetter Morana Alac, Edwin Hutchins, Natasha Myers, James Greeno</i>
	Session 7-28-2B: Learning (Chair: John Kruschke)	Grand Ballroom B
	Online Processing is Essential for Learning: Understanding Fast Mapping and Word Learning in a Dynamic Connectionist Architecture	<i>Jessica Horst, Bob McMurray, Larissa Samuelson</i>
	Speaker/Gender Effect: Impact of the Speaker's Gender on Learning with Narrated Animations	<i>Stephanie Linek, Peter Gerjets, Katharina Scheiter</i>
	Melioration Dominates Maximization: Stable Suboptimal Performance Despite Global Feedback	<i>Hansjoerg Neth, Chris R. Sims, Wayne D. Gray</i>
	Locally Bayesian Learning	<i>John Kruschke</i>
	Session 7-28-2C: Perception (Chair: Michael Mozer)	Grand Ballroom C
	Bayesian Model Learning in Human Visual Perception	<i>Gergo Orban, Jozsef Fiser, Richard Aslin, Mate Lengyel</i>
	The Neural Basis of Object Concepts in Non-Uniform, Ambiguous and Illusionary Perception	<i>Markus Werning, Alexander Maye</i>
	How Looking at Someone You Don't Know Can Help You to Recognize Someone You Do	<i>Nathan Witthoft, Jonathan Winawer, Lera Boroditsky</i>
	Does What We Want Influence What We See?	<i>Bence Nanay</i>

July 28th, 2006. 10:30AM-12:00PM		
	Session 7-28-2D: Language (Chair: Mike Schoelles)	Grand Ballroom D
	On-line Interpretation of Scalar Quantifiers: Insight into the Semantic-Pragmatics Interface	<i>Yi Ting Huang, Jesse Snedeker</i>
	Learning Syntax-Semantics Mappings to Bootstrap Word Learning	<i>Chen Yu</i>
	Priming of Syntactic Rules in Task-Oriented Dialogue and Spontaneous Conversation	<i>David Reitter, Johanna D. Moore, Frank Keller</i>
	A Connectionist Model of the Coordinated Interplay of Scene, Utterance, and World Knowledge	<i>Marshall Mayberry, Matthew Crocker, Pia Knoeferle</i>
	Session 7-28-2E: Memory (Chair: Sean Lane)	Junior Ballroom ABC
	From Recall to Discrimination: The Dynamic Neural Field Theory Generalizes across Tasks and Development	<i>Vanessa Simmering, John Spencer, Gregor Schoener</i>
	On the Cost and Benefit of Taking it out of Context: Modeling the Inhibition Associated with Directed Forgetting	<i>Kenneth Malmberg, Melissa Lehman, Lili Sahakyan</i>
	The Divergent-Reconvergent Model of Serial Order Encoding and Retrieval	<i>Danke Shieh</i>
	Session 7-28-2F: Decision Making (Chair: Jerome Busemeyer)	Junior Ballroom D
	A Coherent Computational Framework for Modeling Component Decision Processes	<i>Jerome Busemeyer, Joseph Johnson</i>
	A Quantum Game Theory Explanation of Disjunction Effects	<i>Jerome Busemeyer, Merv Matthew</i>
	Why Losses Loom Larger than Gains: Modeling Neural Mechanisms of Cognitive-Affective Interaction	<i>Abninder Litt, Chris Eliasmith, Paul Thagard</i>
	Which Is More Probable "25% + 25%" or "40% + 10%"? Effect of the Distribution of Focal Outcomes on Gut-level Perception of Certainty	<i>Kuninori Nakamura, Kimihiko Yamagishi</i>
July 28th, 2006. 12:00PM-1:30PM		
	Lunch (on your own)	
July 28th, 2006. 1:30PM-3:00PM		
	Session 7-28-3A: Symposium (Chair: Jiajie Zhang)	Grand Ballroom A
	Distributed Cognition in Healthcare	<i>Jiajie Zhang, Vimla Patel, Nancy Nersessian, Wendy Newstetter, Yan Xiao</i>
	Session 7-28-3B: Learning (Chair: Niels Taatgen)	Grand Ballroom B
	Eye Tracking, Individual Differences, and Attention in Associative Learning	<i>John Kruschke, Emily Kappenman, William Hetrick</i>
	Nonsense and Sensibility: Inferring Unseen Possibilities	<i>Lauren Schmidt, Charles Kemp, Joshua Tenenbaum</i>
	Hierarchical Encoding and Instance-Based Learning in Spatial Orientation	<i>Glenn Gunzelmann, Don Lyon</i>
	Learning in Minimalism-based Language Modeling	<i>Deryle Lonsdale</i>

	Session 7-28-3C: Perception and Imagery (Chair: Raju Bapi)	Grand Ballroom C
	Now, Where was I? Examining the Perceptual Processes while Resuming an Interrupted Task	<i>Raj Ratwani, Greg Trafton</i>
	Does Different Imply a Difference? A Comparison of Two Tasks	<i>Dedre Gentner, Eyal Sagi</i>
	Non-Native Language Processing Engages Mental Imagery	<i>Kathryn Wheeler, Diana Stojanovic</i>
	Perceived Affordances as a Substrate for Linguistic Concepts	<i>Peter Gorniak, Deb Roy</i>
	Session 7-28-3D: Language (Chair: Ping Li)	Grand Ballroom D
	Statistical Cross-Situational Learning to Build Word-to-World Mapping	<i>Yu Chen, Linda Smith</i>
	Modelling the Interpretation and Interpretation Ease of Noun-Noun Compounds Using a Relation Space Approach to Compound Meaning	<i>Barry Devereux, Fintan Costello</i>
	Poverty of the Stimulus? A Rational Approach	<i>Amy Perfors, Josh Tenenbaum, Terry Regier</i>
	Streaming x, y Coordinates Imply Continuous Interaction During On-line Syntactic Processing	<i>Thomas Farmer, Sarah Cargill, Nicholas Hindy, Rick Dale, Michael Spivey</i>
	Session 7-28-3E: Memory (Chair: Robert Mathews)	Junior Ballroom ABC
	Working Memory in Wayfinding --- A Dual Task Experiment in a Virtual City	<i>Tobias Meilinger, Markus Knauff, Heinrich H. Bulthoff</i>
	SPAM-Ling: A Dynamical Model of Spatial Working Memory	<i>John Lipinski, John Spencer, Larissa Samuelson, Gregor Schoener</i>
	Further Investigations into Post-completion Error: The Effects of Interruption Position and Duration	<i>Simon Y. W. Li, Anna L. Cox, Ann Blandford, Paul Cairns, Richard M. Young, Aliza Abeles</i>
	Session 7-28-3F: Decision Making (Chair: Yingrui Yang)	Junior Ballroom D
	Ambiguity-Reduction: A Satisficing Criterion for Decision Making Under Uncertainty	<i>Giovanni Pezzulo, Alessandro Couyoumdjian</i>
	Grazing or Staying Tuned: A Stochastic Dynamic Model of Channel Changing Behavior	<i>Zheng Wang, Jerome Busemeyer, Annie Lang</i>
	Language as a Tool for Thought: The Vocabulary of Games Facilitates Strategic Decision Making	<i>Jeffrey Loewenstein, Josh Keller</i>
	Toward a Mental Decision Logic of the Small-grand World Problem: Its Decision Structure and Arithematization	<i>Yingrui Yang</i>
	July 28th, 2006. 3:00PM-3:30PM	
	Coffee Break	Pavillion/Junior Ballroom Foyers
	July 28th, 2006. 3:30PM-5:00PM	
	Session 7-28-4A: Symposium (Chair: Andrea Bender)	Grand Ballroom A
	Cultural Impacts on Cognition	<i>Andrea Bender, Sieghard Beller, Giovanni Bennardo, Lera Boroditsky, James Boster, Asifa Majid, Douglas Medin, Juerg Wassmann</i>

July 28th, 2006. 3:30PM-5:00PM		
	Session 7-28-4B: Learning (Chair: Stellan Ohlsson)	Grand Ballroom B
	Modeling Causal Learning Using Bayesian Generic Priors on Generative and Preventive Powers	<i>Hongjing Lu, Alan Yuille, Mimi Liljeholm, Patricia Cheng, Keith Holyoak</i>
	What Moves in a Mysterious Way? A Domain-general Account of Learning about Animacy and Causality	<i>Gary Lupyan, David Rakison</i>
	A Causal Power Approach to Learning with Rates	<i>Marc Buehner</i>
	The Emergence of Multiple Learning Systems	<i>Bradley Love, Matt Jones</i>
	Session 7-28-4C: Social Interaction (Chair: James Greeno)	Grand Ballroom C
	Trust in Communication between Individuals: A Connectionist Approach	<i>Frank Van Overwalle, Francis Heylighen</i>
	An Emergentist Account of Collective Cognition in Collaborative Problem Solving	<i>John Voiklis, Manu Kapur, Charles Kinzer, John Black</i>
	A Laboratory Study on Distributed Problem Solving by Taking Different Viewpoints	<i>Yugo Hayashi, Kazuhisa Miwa, Junya Morita</i>
	What Changes When a Large Team Becomes More Expert?	<i>Irene Tollinger, Christian Schunn, Alonso Vera</i>
	Session 7-28-4D: Language (Chair: Ping Li)	Grand Ballroom D
	Robust Semantic Systematicity and Distributed Representations in a Connectionist Model of Sentence Comprehension	<i>Stefan Frank, Willem Haselager</i>
	Knowing What's Going On: The Influence of Contextual Knowledge on the On-line Resolution of Structural Ambiguity	<i>Nina Versteeg, Ted Sanders, Frank Wijnen</i>
	Effortful Pragmatics: The Demanding Nature of Implicatures	<i>Wim De Neys, Walter Schaeken</i>
	Constructional Sources of Implicit Agents	<i>Micah Goldwater, Arthur Markman</i>
	Session 7-28-4E: Development (Chair: Stella Vosniadou)	Junior Ballroom ABC
	The Development of Analogical Reasoning in Children: A Computational Account	<i>Robert Morrison, Leonidas Doumas, Lindsey Richland</i>
	Using Number to Structure Space	<i>Dedre Gentner, Stella Christie</i>
	Learning New Words: Effects of Lexical Competition and Age of Acquisition	<i>Jakke Tamminen, Gareth Gaskell</i>
	Knowledge, Performance, and Task: Decalage and Dynamics in Young Children's Noun Generalizations	<i>Larissa Samuelson, Jessica Horst, Brandi Dobbertin, Anne Schutte</i>
	Session 7-28-4F: Categorization (Chair: Mike Schoelles)	Junior Ballroom D
	A More Rational Model of Categorization	<i>Adam Sanborn, Thomas Griffiths, Daniel Navarro</i>
	Using Ideal Observers in Higher-order Human Category Learning	<i>Aniket Kittur</i>
	From Natural Kinds to Complex Categories	<i>Daniel Navarro</i>
	Influences of Communication on Categorisation and Similarity	<i>Nick Braisby</i>

July 28th, 2006. 5:30PM-6:30PM		
	Session 7-28-5: Rumelhart Award Talk (Chair: Jay McClelland)	Grand Ballroom
	Thought Experiments in Scientific Discovery: What Emergent Mental Capabilities Underlie their Efficacy?	<i>Roger Shepard</i>
July 28th, 2006. 6:30PM-7:15PM		
	Rumelhart Reception (Chairs: Chris Schunn and Jay McClelland)	Volunteer Square (Lobby Level - Outside)
July 28th, 2006. 7:15PM-10:30PM		
	Reception and Poster Session II (Chair: Nick Cassimatis)	Pavillion Ballroom
July 29th, 2006. Saturday		
July 29th, 2006. 8:30AM-10:00AM		
	Session 7-29-1A: Symposium (Chairs: Kevin Gluck and Glenn Gunzelmann)	Grand Ballroom A
	Modeling the Impact of Cognitive Moderators on Human Cognition and Performance	<i>Kevin Gluck, Glenn Gunzelmann, Jonathan Gratch, Eva Hudlicka, Frank Ritter</i>
	Session 7-29-1B: Learning and Instruction (Chair: Chris Schunn)	Grand Ballroom B
	Learning from Observing Tutoring Collaboratively	<i>Micheline Chi, Marguerite Roy</i>
	How to Make Instructional Explanations in Human Tutoring More Effective	<i>Matthias Nuckles, Jorg Wittwer, Alexander Renkl</i>
	Prompting Cognitive and Metacognitive Processing in Writing-to-Learn Enhances Learning Outcomes	<i>Sandra Hubner, Matthias Nuckles, Alexander Renkl</i>
	Feedback for Metacognitive Support in Learning by Teaching Environments	<i>Jason Tan, Gautam Biswas, Daniel Schwartz</i>
	Session 7-29-1C: Social Interaction (Chair: James Greeno)	Grand Ballroom C
	Embodied Action as a 'Helping Hand' in Social Interaction	<i>Jessica Lindblom</i>
	Generating Collective Spatial References	<i>Albert Gatt</i>
	Analysis of Human-Human and Human-Computer Agent Interactions from the Viewpoint of Design of and Attribution to a Partner	<i>Kazuhisa Miwa, Hitoshi Terai</i>
	Supporting Collaborative Learning with Augmented Group Awareness Tools	<i>Daniel Bodemer, Jurgen Buder</i>
	Session 7-29-1D: Language (Chair: Danielle McNamara)	Grand Ballroom D
	Causal Influences on Disfluency Production	<i>Michael Schnadt, Martin Corley</i>
	A Cognitive Model of Surprise Judgements	<i>Rebecca Maguire, Fintan Costello, Mark Keane</i>
	Using Coh-Metrix Temporal Indices to Predict Psychological Measures of Time	<i>Nicholas Duran, Phillip McCarthy, Arthur Graesser, Danielle McNamara</i>
	Validating Coh-Metrix	<i>Danielle McNamara, Yasuhiro Ozuru, Art Graesser, Max Louwerse</i>

July 29th, 2006. 8:30AM-10:00AM		
	Session 7-29-1E: Development (Chair: Tom Shultz)	Junior Ballroom ABC
	Do Children Need Concrete Instantiations to Learn an Abstract Concept?	<i>Jennifer Kaminski, Vladimir Sloutsky, Andrew Heckler</i>
	Children Learn from Gestures not Grounded in the Here-and-now	<i>Raedy Ping, Susan Goldin-Meadow</i>
	Modeling Cross-Domain Causal Learning in Preschoolers as Bayesian Inference	<i>Elizabeth Baraff Bonawitz, Thomas L. Griffiths, Laura Schulz</i>
	From Syllables to Syntax: Investigating Staged Linguistic Development through Computational Modeling	<i>Kris Jack, Chris Reed, Annalu Waller</i>
	Session 7-29-1F: Categorization (Chair: Art Markman)	Junior Ballroom D
	Natural Scene Categorization from Conjunctions of Ecological Global Properties	<i>Michelle Greene, Aude Oliva</i>
	Bridging Levels: Using a Cognitive Model to Connect Brain and Behavior in Category Learning	<i>Todd Gureckis, Bradley Love</i>
	An Attention-Based Model of Learning a Function and a Category in Parallel	<i>Harlan Harris, John Paul Minda</i>
	The Role of Causal Status versus Inter-Feature Links in Feature Weighting	<i>Jesseca K. Marsh, Woo-kyoung Ahn</i>
July 29th, 2006. 10:00AM-10:30AM		
	Coffee Break	Pavillion/Junior Ballroom Foyers
July 29th, 2006. 10:30AM-12:00PM		
	Session 7-29-2A: Symposium (Chair: Paul Bello)	Grand Ballroom A
	Building and Evaluating Models of Human-Level Intelligence	<i>Paul Bello, Nicholas Cassimatis, Ken Forbus, Joshua Tenenbaum</i>
	Session 7-29-2B: Theoretical and Methodological Issues (Chair: Raju Bapi)	Grand Ballroom B
	Tools and Techniques for Quantitative and Predictive Cognitive Science	<i>Terrence Stewart</i>
	Steps Towards Integrated Models of Cognitive Systems: A Levels-of-Analysis Approach to Comparing Human Performance to Model Predictions	<i>Michael J. Schoelles, Hansjoerg Neth, Christopher W. Myers, Wayne D. Gray</i>
	Education as Multiple-Source Self-Regulation: A Whole theme Perspective	<i>Asghar Iran-Nejad</i>
	Evidence for Massive Redeployment of Brain Areas in Cognitive Functions	<i>Michael Anderson</i>
	Session 7-29-2C: Culture (Chair: Art Graesser)	Grand Ballroom C
	Responsibility for Bad Deeds - and for Good? The Impact of Cultural Attribution Tendencies on Cognition and Emotion	<i>Andrea Bender, Hans Spada, Hannah Swoboda, Simone Traber</i>
	Rethinking Cross-cultural Differences in Reasoning	<i>N.Y. Louis Lee, P.N. Johnson-Laird</i>
	Shared Knowledge, Embodied Structure, Mediated Process: The Case of the Zapotec of Oaxaca	<i>Fadwa El Guindi</i>
	The Ecology of Language Practices in Worldwide Airline Flight Deck Operations	<i>Edwin Hutchins, Saeko Nomura, Barbara Holder</i>

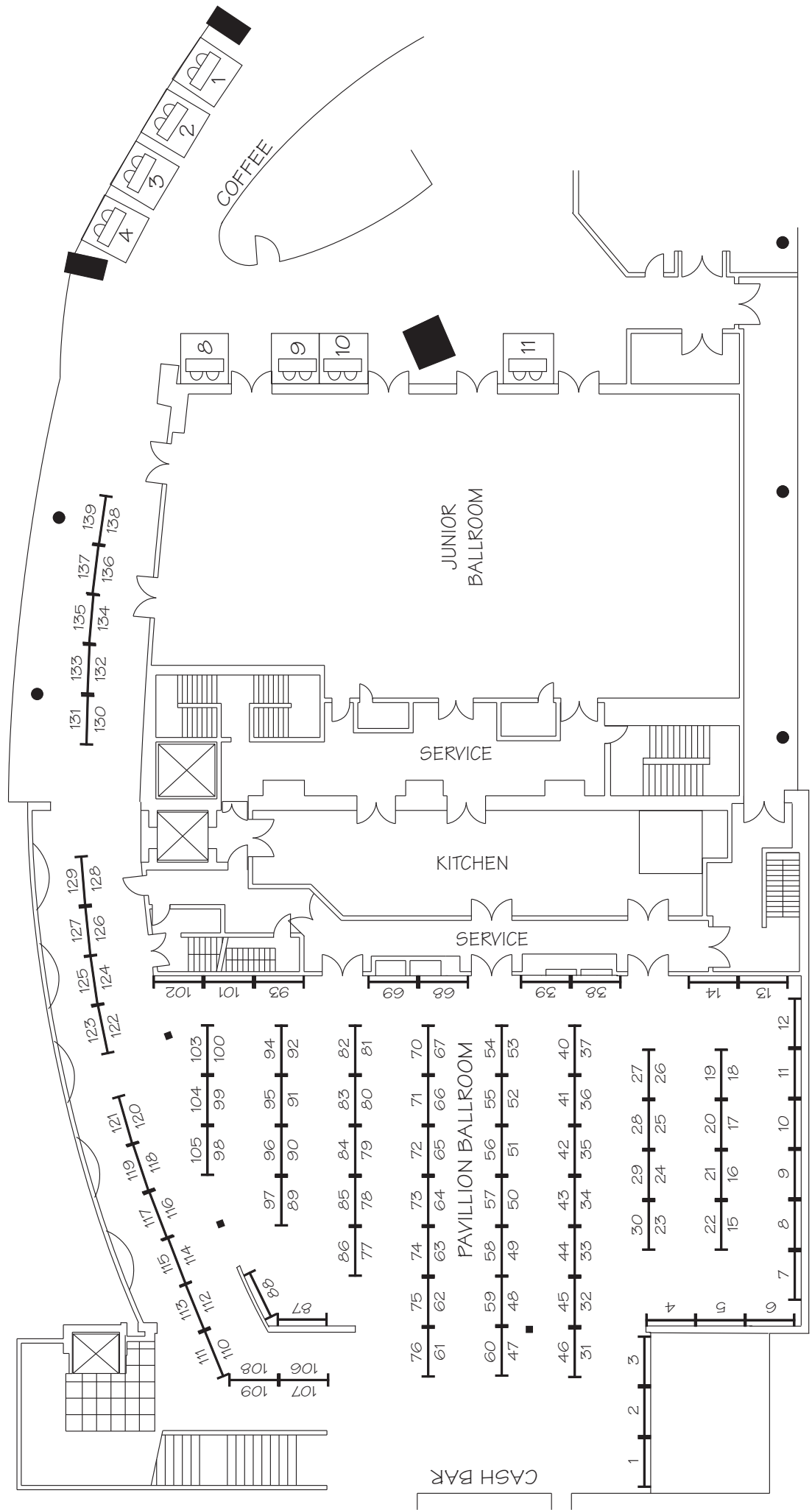
July 29th, 2006. 10:30AM-12:00PM		
	Session 7-29-2D: Language and Non-Verbal Behavior (Chair: Danielle McNamara)	Grand Ballroom D
	Is There Evidence for a Probabilistic Language Faculty?	<i>Rens Bod</i>
	Grounding Dialogue: Eye Movements Reveal the Coordination of Attention during Conversation	<i>Daniel Richardson, Rick Dale</i>
	A Model for Interest Measurement by Observable Non- Verbal Behavior	<i>Sadanori Ito, Shoichiro Iwasawa, Ichiro Umata, Kiyoshi Kogure</i>
	Session 7-29-2E: Development (Chair: Doug Medin)	Junior Ballroom ABC
	Categorization, Label Extension, and Inductive Reasoning in Chinese and German Preschoolers: Influence of a Classifier System and Universal Cognitive Constraints	<i>Henrik Saalbach, Mutsumi Imai</i>
	Even Early Representations of Numerical Magnitude are Spatially Organized: Evidence for a Directional Magnitude Bias in Pre-reading Preschoolers	<i>John Opfer, Clarissa Thompson</i>
	When Mr. Blicket Wants It, Children are Bayesian	<i>David Sobel, Sarah Munro</i>
	Dual Processes, Development, and Scalar Implicature	<i>Susan Crafton, Aidan Feeney</i>
	Session 7-29-2F: Similarity, Typicality, Analogy, and Metaphor (Chair: Art Markman)	Junior Ballroom D
	Ideals aren't Always Typical: Dissociating Goodness-of- Exemplar from Typicality Judgments	<i>Aniket Kittur, Keith J. Holyoak, John E. Hummel</i>
	Metaphor in the Mind and Hands	<i>Daniel Casasanto, Sandra Lozano</i>
	Relating Category Coherence and Analogy: Simulating Category Use with a Model of Relational Reasoning	<i>John Hummel, Brian Ross</i>
	The Role of Similarity in Generalization	<i>Matt Jones, W. Todd Maddox, Bradley C. Love</i>
July 29th, 2006. 12:00PM-1:30PM		
	Lunch (on your own)	
July 29th, 2006. 1:30PM-3:00PM		
	Session 7-29-3A: Symposium (Chair: Richard Ashley)	Grand Ballroom A
	Music and Cognition: What Cognitive Science can Learn from Music Cognition	<i>Richard Ashley, Erin Hannon, Henkjan Honing, Edward Large, Caroline Palmer, Sean Hutchins</i>
	Session 7-29-3B: Social Cognition (Chair: Art Graesser)	Grand Ballroom B
	Words Mark the Nerds: Computational Models of Personality Recognition through Language	<i>Francois Mairesse, Marilyn Walker</i>
	Detection of Emotions During Learning with AutoTutor	<i>Art Graesser, Bethany McDaniel, Patrick Chipman, Amy Witherspoon, Sidney D'Mello, Barry Gholson</i>
	DREAM and False Memories of Personality: The Stuff that Impressions are Made of	<i>Leonel Garcia-Marques, Mario Ferreira, Teresa Garcia-Marques</i>
	Stereotypes: From an Illusory Stability to an Illusory Belief Account	<i>Sofia Santos, Sergio Moreira, Leonel Garcia-Marques</i>

July 29th, 2006. 1:30PM-3:00PM		
	Session 7-29-3C: Concept (Chair: Hansjoerg Neth)	Grand Ballroom C
	Extending Spatial Frames of Reference to Temporal Concepts	<i>Alexander Kranjec</i>
	An Investigation of Combinational Productivity for Abstract and Concrete Concepts	<i>Phil Maguire, Edward Wisniewski, Gert Storms</i>
	Development of the Object Concept: Implicit vs. Explicit Knowledge	<i>Bennett Bertenthal</i>
	Session 7-29-3D: Development (Chair: Tom Ward)	Grand Ballroom D
	Creativity from a Cognitive Developmental Science Perspective	<i>Todd Lubart</i>
	Flexible Attention to Labels and Appearances in Early Induction	<i>Anna Fisher, Vladimir Sloutsky</i>
	Induction in Children and Adults	<i>Catherine Wilburn, Aidan Feeney</i>
	Body Parts and the First 100 Verbs	<i>Josita Maouene, Shohei Hidaka, Linda B. Smith</i>
	Session 7-29-3E: The Rumelhart Symposium (Chair: Josh Tenenbaum)	Junior Ballroom
	Exploring Mind and World: A Symposium in Honor of Roger Shepard	<i>Nick Chater, Jacob Feldman, Tamar Szabo Gendler, Josh Tenenbaum</i>
July 29th, 2006. 3:00PM-3:30PM		
	Coffee Break	Pavillion/Junior Ballroom Foyers
July 29th, 2006. 3:30PM-5:00PM		
	Session 7-29-4: Plenary Symposium (Chair: Naomi Miyake)	Grand Ballroom
	The Emerging Learning Sciences	<i>Roy Pea, Janet Kolodner, Mike Cole, Naomi Miyake</i>
July 29th, 2006. 5:30PM-7:00PM		
	Society Business Meeting (Chair: Richard Young)	Grand Ballroom
July 29th, 2006. 7:00PM-10:30PM		
	Reception and Poster Session III (Chair: Nick Cassimatis)	Pavillion Ballroom and Junior Ballroom

CogSci2006 Annual Meeting

Poster Session I and II

July 27 - 28, 2006



Poster Session I (July 27th, 2006. 7:00-10:30PM)		
1	Integrated Phonological Processing in Bilinguals: Evidence from Spoken Word Recognition	<i>Olga Boukrina, Viorica Marian</i>
2	The Verb Mutability Effect: Noun and Verb Semantics in English and Japanese	<i>Caitlin Fausey, Dedre Gentner, Jennifer Asmuth, Hanako Yoshida</i>
3	Face Matching Under Time Pressure and Task Demands	<i>Michael Lee, Robyn Vast, Marcus Butavicius</i>
4	A Prototype Model that Learns and Generalizes Medin, Altom, Edelson & Freko (1982) XOR Category Structure Like Humans Do	<i>Toshihiko Matsuka, Jeffery V. Nickerson, Jiun-Yin Jian</i>
5	Reasoning with Internal and External Representations: A Case Study with Expert Architects	<i>Zafer Bilda, John S. Gero</i>
6	Chance Discovery as a First Step to Economic Innovation	<i>Jyrki Suomala, Vesa Taatila, Reijo Siltala, Soili Keskinen</i>
7	Effects of Presentation Speed of a Dynamic Visualization on the Understanding of a Mechanical System	<i>Sebastian Fischer, Richard Lowe, Stephan Schwan</i>
8	Cross-cuing versus Self-cuing --- What does Enhance Performance in a Brainstorming Task?	<i>Sabine Ch. Mueller, Michael Diehl, Rene Ziegler</i>
9	Modeling fMRI BOLD Signal and Reaction Time of a Dual Task with a Queuing Network Modeling Approach	<i>Changxu Wu, Yili Liu</i>
10	Are There Gender Differences in Computer Performance, and if So, Can Motivation Explain Them?	<i>Regina Vollmeyer, Margarete Imhof, Constanze Beierlein</i>
11	Acquiring New Musical Grammars: A Statistical Learning Approach	<i>Psyche Loui, David Wessel, Carla Hudson Kam</i>
12	The Effect of Feedback and Financial Reward on Human Performance Solving Secretary Problems	<i>James Campbell, Michael Lee</i>
13	Looking at Second Language Acquisition from a Functional and Structural MRI Background	<i>Maurits W.M.L. Van den Noort, Peggy M.P.C. Bosch, Kenneth Hugdahl</i>
14	JPEX: A Psychologically Plausible Joint Probability EXtractor	<i>Sebastien Helie, Robert Proulx, Bernard Lefebvre</i>
15	Interactive Graphical Representations Support the Formulation of Sound Hypotheses in a Rule Discovery Task	<i>Frederic Vallee-Tourangeau, Teresa Payton</i>
16	Neural Substrates of Cognitive Skill Learning in Healthy Young Volunteers	<i>Sang Soo Cho, Eun Jin Yoon, Yu Kyeong Kim, Sang Eun Kim, Jung Mo Lee</i>
17	Impact of Epistemological Beliefs on Hypertext Learning: A Pilot-Study	<i>Stephanie Pieschl, Elmar Stahl, Rainer Bromme</i>
18	On the Types, Frequency, Uses and Characteristics of Meta-Language in Conversation	<i>Michael Anderson, Bryant Lee, Jon Go, Shuda Li, Ben Sutandio, LuoYan Zhou</i>
19	Mathematical Inversion: An Extension of Siegler and Stern's (1998) Microgenetic Study	<i>Katherine M Robinson</i>
20	Learning Auxiliary Fronting with Grammatical Inference	<i>Alexander Clark, Remi Eyraud</i>
21	Expertise in Trained Dogs	<i>William Helton</i>
22	The Effect of Head-direction Disparity in Spatial Reasoning about Described Environments	<i>Marios Avraamides, Melina-Nicole Kyranidou</i>
23	Recurrent Networks and Natural Language: Exploiting Self-Organization	<i>Igor Farkas, Matthew Crocker</i>
24	Phonological and Surface Dyslexia in a Single PDP Model of Reading	<i>Stephen Welbourne, Matthew Lambon Ralph</i>
25	Strategies for Evaluating Opinions: A Cross-Cultural Study	<i>Hugo Mercier, Jean-Baptiste Van der Henst, Hiroshi Yama, Yayoi Kawasaki, Kuniko Adachi</i>

26	The Slippery Slope Argument --- Probability, Utility & Category Reappraisal	<i>Adam Corner, Ulrike Hahn, Mike Oaksford</i>
27	Dynamic Task Selection in Aviation Training	<i>Ron Salden, Fred Paas, Jeroen van Merriënboer</i>
28	Modeling Category Learning with Exemplars and Prior Knowledge	<i>Harlan Harris, Bob Rehder</i>
29	Haptic Pictures, Blindness, and Tactile Beliefs: Preliminary Analysis of a Case-Study	<i>Amedeo D'Angiulli</i>
30	Phonological Similarity Effects in Simple and Complex Word Spans	<i>Roopali Misra, Winston Goh</i>
31	Planning with Information Access Costs in Mind	<i>Samuel Waldron, John Patrick, Andrew Howes, Geoffrey Duggan</i>
32	Implicit Information in Directionality of Verbal Probability Expressions	<i>Hidehito Honda, Kimihiko Yamagishi</i>
33	Surprise: Disconfirmed Expectations or Representation-Fit?	<i>Rebecca Maguire, Mark Keane</i>
34	The Impact of the Format of Covariation Information on Causal Inferences	<i>Teresa Payton, Frederic Vallee-Tourangeau</i>
35	Explanation in Category Learning	<i>Seth Chin-Parker, Olivia Hernandez, Murray Matens</i>
36	What is the Nature of Young Children's Implicit Grammatical Knowledge? Evidence from Adjective-Noun Constructions	<i>Elena Nicoladis, Mijke Rhemtulla</i>
37	ACE: A Model of the Cognitive Strategies of a Contemporary Artist	<i>Jude Leclerc, Frederic Gosselin</i>
38	How does Information about Creation Process Affect Audience Appreciation of Artwork	<i>Takumitsu Agata, Takeshi Okada</i>
39	Semantic Packing As a Core Mechanism of Category Coherence, Fast Mapping and Basic Level Category	<i>Shohei Hidaka, Jun Saiki, Linda Smith</i>
40	How We Revise our Beliefs about Causes and Enabling Conditions	<i>Caren Frosch, Phil Johnson-Laird</i>
41	Queuing Network Modeling of Reaction Time, Response Accuracy, and Stimulus-Lateralized Readiness Potential Onset Time in a Dual Task	<i>Changxu Wu, Yili Liu</i>
42	Collaborative Impression Formation and Recall of Impression-relevant Information	<i>Margarida Garrido, Leonel Garcia-Marques, David Hamilton, Mario Ferreira</i>
43	Object Substitution Masking: When does Mask Preview Work?	<i>Stephen Wee Hun Lim, Fook Kee Chua</i>
44	Dual Processes Mediate Discrimination and Generalization in Humans	<i>Evan Livesey, Chris Mansi, Ian McLaren</i>
45	How to Learn Good Cue Orders: When Social Learning Benefits Simple Heuristics	<i>Rocio Garcia-Retamero, Masanori Takezawa, Gerd Gigerenzer</i>
46	The Emergence of Metacognition in Preschool Children in a Visual Matching Task	<i>Frances Balcomb, LouAnn Gerken</i>
47	Why Form-Meaning Mappings Are Not Entirely Arbitrary in Language	<i>Padraic Monaghan, Morten Christiansen</i>
48	A Compositional Neural-network Solution to Prime-number Testing	<i>Laszlo Egri, Thomas Shultz</i>
49	Lively Looks: Priming Preschoolers' Predictions of Post-verbal Arguments during Online Sentence Processing	<i>Malathi Thothathiri, Jesse Snedeker</i>
50	Eyebrow Raising, Discourse Structure, and Utterance Function in Face-to-face Dialogue	<i>Maria Flecha-Garcia</i>
51	A Theory of Reflexive Relational Generalization	<i>Leonidas A. A. Doumas, Mirriam Bassok, Amy Guthormson, John E. Hummel</i>
52	Contextual Interference within the Perceptual Span in Reading Japanese Text	<i>Michiko Asano, Kazuhiko Yokosawa</i>
53	How Similarity in Morphological Representation Affects Chinese-Japanese Bilinguals' Word Recognition?	<i>Kazuhiko Yokosawa, HuiShu Jin</i>
54	Reaction-Time Assessment of Beliefs Underlying the Irrational "Ratio-Bias" in Choice.	<i>Kimihiko Yamagishi, Yu Nishimura</i>

55	The Influence of the Serial Order of Visual and Verbal Presentation on the Verbal Overshadowing Effect of Dynamic Scenes	<i>Markus Huff, Barbel Garsoffky, Stephan Schwan</i>
56	A computational Model of the Metaphor Generation Process	<i>Keiga Abe, Kayo Sakamoto, Masanori Nakagawa</i>
57	Conversational Implicatures in Counterexample Retrieval: Working Memory and Crystallized Pragmatics	<i>Niki Verschueren, Walter Schaeken, Sara Verbrugge</i>
58	Effects of Coherence Marking on the Comprehension and Appraisal of Discourse	<i>Judith Kamalski, Leo Lentz, Ted Sanders</i>
59	The Effect of Delivery Method on Conceptual and Strategy Development	<i>Lisa Kaczmarczyk, Mary Last, Risto Miikkulainen</i>
60	A Catalytic Theory of Embodied Mind	<i>Pat Carpenter, Christopher Davia</i>
61	Developmental Accounts of Theory-of-Mind Acquisition: Achieving Clarity via Computational Cognitive Modeling	<i>Paul Bello, Nicholas Cassimatis</i>
62	Can Exposure to Post-outcome Information 'Debias' the Hindsight Bias?	<i>Ivan Ash</i>
63	Sampling Assumptions and the Size Principle in Property Induction	<i>Philip Fernbach</i>
64	Learning Melodic Expectancy: Musical Predictability in an SRN	<i>Brandon Abbs, Prahlad Gupta</i>
65	Retrieval-Induced Forgetting in a Multiple-Trace Memory Model	<i>Collin Green, Aniket Kittur</i>
66	Multi-modal Cognitive Architectures: A Partial Solution to the Frame Problem	<i>Unmesh Kurup, B Chandrasekaran</i>
67	Conflict Monitoring in a Dynamical Agent	<i>Ronnie Ward, Robert Ward</i>
68	A Cross-Cultural Study on Conditional Reasoning and Hindsight Bias	<i>Hiroshi Yama, Ken Manktelow, Hugo Mercier, Jean-Baptiste Van der Henst, Yayoi Kawasaki, Kuniko Adachi</i>
69	The Knowledge of a Chinese Reader Concerning how Chinese Orthography Represents Phonology	<i>Chih-Wei Hue, Ming Lo, Fon-Chih Tsai</i>
70	Multimodal Communication in Computer-Mediated Map Task Scenarios	<i>Max Louwerse, Patrick Jeuniaux, Mohammed Hoque, Jie Wu, Gwyneth Lewis</i>
71	Ad-hoc Meaning Substitution Causes Shape and Material Biases: Computational Explanation for Emergence of Word Learning Biases	<i>Kosuke Kurosaki, Takashi Omori</i>
72	Temporal Factorisation and the Dynamics of Cognitive Agent States	<i>Jan Treur</i>
73	Developing Higher-Level Cognitive Theories by Reduction	<i>Tibor Bosse, Catholijn Jonker, Jan Treur</i>
74	Computational Exploration of Metaphor Comprehension Processes	<i>Akira Utsumi</i>
75	The Context Sensitivity of Experience Based Learning in Belief Revision	<i>Kristien Dieussaert, Debora Vansteenwegen, An Van Assche</i>
76	The Ballad of "If" and "Since": Never the Twain Shall Meet?	<i>Sara Verbrugge, Walter Schaeken</i>
77	Possibilities-based and Truth-based Truth Table Tasks	<i>Aline Sevenants, Walter Schroyens, Kristien Dieussaert, Walter Schaeken</i>
78	A Model of Dopamine and Uncertainty Using Temporal Difference	<i>Angela Thurnham, John Done, Neil Davey, Ray Frank</i>
79	Computational Modelling of Remembrances Retrieving via a Cognitive-based Knowledge Representation Approach	<i>Mehdi Najjar, Andre Mayers</i>
80	How Do Computational Models of the Role of Dopamine as a Reward Prediction Error Map on to Current Dopamine Theories of Schizophrenia?	<i>Angela Thurnham, John Done, Neil Davey, Ray Frank</i>
81	Recognizing Deception in Trajectories	<i>Jiun-Yin Jian, Toshihiko Matsuka, Jeffrey Nickerson</i>
82	Promoting Model-based Reasoning in Problem-based Learning	<i>Yanlong Sun, Wendy Newstetter, Nancy Nersessian</i>
83	Absolute Identification is Surprisingly Faster with More Closely Spaced Stimuli	<i>James Adelman, Neil Stewart</i>
84	Modelling the enemy: Recursive Cognitive Models in Dynamic Environments	<i>Joseph MacInnes</i>

85	Differential Cue Saliency, Blocking and Learned Inattention	<i>Andrew Heckler, Jennifer Kaminski, Vladimir Sloutsky</i>
86	Modeling Mate-Choice Using Computational Temperature and Dynamically Evolving Representations	<i>Robert French, Kus Elif</i>
87	The Role of Ambiguity in the Interpretation of Noun-Noun Compounds	<i>Phil Maguire, Arthur Cater, Edward Wisniewski</i>
88	The Influence of Frequency Distribution of the Stimuli on Performance in Artificial Grammar Learning (AGL)	<i>Fenna Poletiek, Nick Chater</i>
89	Connectivity in Real and Simulated Associative Memories	<i>Neil Davey, Lee Calcraft, Rod Adams</i>
90	Shared Features Dominate the Number-of-Features Effect	<i>Ray Grondin, Stephen J. Lupker, Ken McRae</i>
91	Speaking Outside the Box: Learning of Non-native Phonotactic Constraints is Revealed in Speech Errors	<i>Christine Whalen, Gary Dell</i>
92	Differences in Deference: Essences and Insights	<i>Caroline Proctor, Frank Keil</i>
93	Where is Causality?	<i>Amal Guha</i>
94	Audio Speech Segmentation Without Language-Specific Knowledge	<i>Kevin Gold, Brian Scassellati</i>
95	Syntactic and Causal Constraints on the Necessity of Conditional Inferences by Readers	<i>Nicolas Campion</i>
96	Reading the Language of Action	<i>Bridgette Martin</i>
97	Modeling the Role of Unobserved Causes in Causal Learning	<i>Christian Luhmann, Woo-kyoung Ahn</i>
98	Revealing Priors on Category Structures through Iterated Learning	<i>Thomas Griffiths, Brian Christian, Michael Kalish</i>
99	Probabilistic Reasoning in Preschoolers: Random Sampling and Base Rate	<i>Stephanie Denison, Kathleen Konopczynski, Vashti Garcia, Fei Xu</i>
100	Synchronous vs. Conjunctive Binding: A False Dichotomy?	<i>Robert Hadley</i>
101	Is Time Going to Stand? Hebrew and English Speakers' Conceptions of Time	<i>Yulia Paluy</i>
102	Working Memory: A Cognitive Limit to Non-Human Primate Recursive Thinking Prior to Hominid Evolution?	<i>Dwight Read</i>
103	Assigning Grade Levels to Textbooks: Is It Just Readability?	<i>David F Dufty, Arthur C Graesser, Max M Louwerse, Danielle S McNamara</i>
104	An Empirical Investigation into Spatial Reference Frame Taxonomy Using Dialogue	<i>Matthew Watson, Martin Pickering, Holly Branigan</i>
105	Amnesia, Memory, and the Implicit/Explicit Learning Distinction	<i>J. Brendan Ritchie</i>
106	Object Files, Functional Anchoring, Sortals and the Problem of Singular Perception	<i>Nicolas J Bullot</i>
107	Comparison-Induced Distribution-Density Effects on Recall of Values from Memory	<i>Jessica Choplin, Victoria Bolender</i>
108	Cognitive Processes in Quantitative Estimation: Analogical Anchors and Causal Adjustment	<i>Praveen Paritosh, Matthew Klenk</i>
109	Working Memory and Persistent Inhibitory Set: An Individual Differences Investigation	<i>Syoichi Iwasaki, Yuka Kotozaki, Bai Chen</i>
110	"That sounds unlikely": Syntactic probabilities affect pronunciation	<i>Susanne Gahl, Susan M. Garnsey, Cynthia Fisher, Laura Matzen</i>
111	Differentiating Animality from Agency: Towards a Foundation for Cognition	<i>Fred Keijzer</i>
112	Deaf Readers' Lack of Implicit-prosody Effects	<i>Mari Kobayashi, Edson T. Miyamoto, Kaori Sato</i>
113	Implicit Familiarity Regulates Person Perception	<i>Teresa Garcia-Marques, Diane Mackie</i>
114	Counterfactual Promises and Threats	<i>Suzanne Egan, Ruth Byrne</i>
115	Dissociating Word Reading and Lexical Decision in Neglect Dyslexia: A Connectionist Account	<i>Giovanni Pagliuca, Padraic Monghan</i>
116	The Remnants of Insight	<i>Tom Ormerod, Edvridiki Fiouratou, Ed Chronicle, Jim MacGregor</i>

117	Non-random Human Performance under Conditions of Lacking Information	<i>Sergey Tarasenko, Toshio Inui, Niyaz Abdikeyev</i>
118	Extended Perception	<i>Hsi-wen Daniel Liu</i>
119	Automatic and Controlled Components of Judgment under Uncertainty	<i>Mario Ferreira, Leonel Garcia-Marques, Margarida Garrido</i>
120	Copying Incomprehensible Exemplars in Creative Drawing	<i>Kentaro Ishibashi, Takeshi Okada</i>
121	The Effects of Negative Premises on Inductive Reasoning: A Psychological Experiment and Computational Modeling Study	<i>Kayo Sakamoto, Masanori Nakagawa</i>
122	The Predominance of Nonstructural Factors in the Processing of Gapping Sentences	<i>John Hoeks, Petra Hendriks, Louisa Zijlstra</i>
123	Modeling Result-List Searching in the World Wide Web: The Role of Relevance Topologies and Trust Bias	<i>Maeve O'Brien, Mark Keane</i>
124	Why Do Elaborative Dialogs Lead to Effective Problem Solving and Deep Learning?	<i>Robert Hausmann</i>
125	Participation, Precedence and Co-ordination in Dialogue	<i>Patrick Healey, Greg Mills</i>
126	Tools and Artefacts --- Knowing 'Where-from' Affects Their Present Use	<i>Tarja Susi</i>
127	Twists and Oliver Twists in Mental Rotation: Complementary Actions as Orphaned Processes	<i>Sanjay Chandrasekharan, Dilip Athreya, Narayanan Srinivasan</i>
128	Young Children's Implicit and Explicit Understanding of Speaker Knowledge	<i>Tomoko Matsui, Yui Miura, Peter McCagg</i>
129	Automatic Classification of Transitivity Alternations in Child-Directed Speech	<i>Rose Scott, Cynthia Fisher</i>
130	The Impact of Semantic Neighborhood Density on Visual Word Recognition	<i>Daniel Mirman, James S. Magnuson</i>
131	Assessing Preservice Teachers' Conceptual Change in an Internet-Based, Case Instructional Environment	<i>Charles Kinzer, Manu Kapur, Sarah Lohnes, Dana Cammack, Stavroula Kontovourki, Daniel Hoffman, Selen Turkay</i>
132	The Pragmatics of Negation: Context Effects when Reading Affirmative and Negative Sentences	<i>Jana Ludtke, Barbara Kaup</i>
133	Embodied Synchrony of Nonverbal Behaviour in Counselling: A Case Study of Role Playing School Counselling	<i>Chika Nagaoka, Sakiko Yoshikawa, Masashi Komori</i>
134	Emotion, Memory, and Religious Concepts	<i>Peter Alfaro, Kenneth Livingston</i>
135	The Role of Mouse Movements in Interactive Search	<i>Anna Cox, Mariana Silva</i>
136	Making Implicit Assumptions Explicit in Verbal Insight Problem Solving	<i>Afia Ahmed, John Patrick</i>

Poster Session II (July 28th, 2006. 7:15-10:30PM)		
1	Rich and Famous: Recognition-based judgment in the Sunday Times Rich List	<i>Rachel McCloy, C. Philip Beaman, Kate Goddard</i>
2	Conceptual Complexity and the Bias-variance Tradeoff	<i>Erica Briscoe, Jacob Feldman</i>
3	An Empirical Feasibility Study of the ARCADE System	<i>Richard Golden, Susan Goldman</i>
4	Using Latent Semantic Analysis to Estimate Similarity	<i>Sabrina Simmons, Zachary Estes, Lara Jones</i>
5	Inducing Low-level Schema Extraction with Artificial Suffixes	<i>Nada Seva, Vera Kempe, Patricia Brooks</i>
6	Expertise Development in Clinical Psychology	<i>Sabine Hauser, Hans Spada, Nikol Rummel, Anne Meier</i>
7	Automatic Categorization of Spatial Prepositions	<i>Kate Lockwood, Ken Forbus, Daniel T. Halstead, Jeffrey Usher</i>
8	Analysing Group Creativity: A Distributed Cognitive Study of Group Music Composition	<i>Shahin Nabavian, Nick Bryan-Kinns</i>
9	AutoTutor 3-D Simulations: Analyzing Users' Actions and Learning Trends	<i>Tanner Jackson, Andrew Olney, Arthur Graesser, Joyce Kim</i>
10	Yet Another Look at Thirty Categorization Results	<i>Wolf Vanpaemel, Sven Pattyn, Gert Storms</i>
11	Learning Abstract Relations Through Analogy to Concrete Exemplars	<i>Marc Tomlinson, Bradley Love</i>
12	Realizing Forgetting in a Modified Sparse Distributed Memory System	<i>Uma Ramamurthy, Sidney K. D'Mello, Stanley P. Franklin</i>
13	Context Effects on Frame Probability Independent of Verb Sense Ambiguity	<i>Frank Keller, Christoph Scheepers</i>
14	Awareness yet Underestimation of Distractors in Feature Searches	<i>Daniel Cassenti, Troy Kelley</i>
15	Asymmetrical Analogical Transfer in Insight Problem Solving	<i>Tom Ormerod, Ed Chronicle, Jim MacGregor</i>
16	Computational Modeling of Variability in the Conservation Task	<i>Fiona Richardson, Neil Forrester, Frank Baughman, Michael Thomas</i>
17	Processing Semantic Ambiguity: Different Loci for Meanings and Senses	<i>Jakke Tamminen, Alexandra Cleland, Philip Quinlan, Gareth Gaskell</i>
18	The Human Speechome Project	<i>Deb Roy, Rupal Patel, Philip DeCamp, Rony Kubat, Michael Fleischman, Brandon Roy, Nikolaos Mavridis, Stefanie Tellex, Alexia Salata, Jethran Guinness</i>
19	How People Perceive Companies: Personality Dimensions as Fundamentals?	<i>Philipp Otto, Nick Chater, Henry Stott</i>
20	Modeling Emotion: Arousal's Impact on Memory	<i>Robert Cochran, Frank Lee, Eric Chown</i>
21	What is Modularity Good For?	<i>Michael Thomas, Neil Forrester, Fiona Richardson</i>
22	Metamemory in Strategy Selection: Evidence for a Dissociation in Familiarity between Semantics and Item Activation Strength	<i>Alastair Mckenzie-Kerr, Bill Macken</i>
23	Representation Across Time: Generalizing Temporal Effects on Perceived Similarity	<i>Samuel Day, Daniel Bartels</i>
24	Context and the Processing of Discourse: Priming and Genre Effects on Discourse Comprehension	<i>Eyal Sagi</i>
25	The Independence between the History of Usage of an Expression and Common Ground: A Processing Account for Pragmatic Effects on Comprehension	<i>Edmundo Kronmuller, Dale Barr</i>
26	In Darkness Visual-Auditory Fusion Variations in Space Depend on Relation between Unimodal Egocentric Reference Frame	<i>David Hartnagel, Alain Bichot, Corinne Roumes</i>

27	Estimating Correlations and Reliabilities of Implicit and Explicit Tests Using a Latent Variable Approach	<i>Ingmar Visser</i>
28	Is a Bear White in the Woods? Effects of Implied Perceptual Information on Stroop Color-Naming	<i>Louise Connell, Dermot Lynott</i>
29	Aspectual Asymmetries in the Mental Representation of Events: Significance of Lexical Aspect	<i>Foong Ha Yap, Stella Wing Man Kwan, Patrick Chun Kau Chu, Stella Fat Wong, Emily Sze Man Yiu, Stephen Matthews, Yasuhiro Shirai</i>
30	Chunking Patterns Reflect Effector-dependent Representation of Motor Sequence	<i>Krishna Miyapuram, Raju Bapi, Kenji Doya</i>
31	A System-level Brain Model of Spatial Working Memory	<i>Alan Bond</i>
32	Accessibility of Depicted Events Influences Their Priority in Spoken Comprehension	<i>Pia Knoeferle, Matthew W. Crocker</i>
33	Subjective Complexity of Categories Defined over Three-Valued Features	<i>Cordelia Aitkin, Jacob Feldman</i>
34	Learning and the Evolution of Melodic Complexity in Virtuoso Jazz Improvisation	<i>Paul Hodgson</i>
35	The Influence of Structural Support on the Evaluation of Analogical Inferences	<i>Jeffrey Laux, Arthur Markman</i>
36	The Problem of Metaconceptual Awareness in Theory Revision	<i>Stella Vosniadou, Natassa Kyriakopoulou</i>
37	Memory for Serial Order in Social Cognition: Does Order Matter When We Are Forming Impressions About Strangers?	<i>Rui Soares Costa, Leonel Garcia-Marques</i>
38	Knowledge-driven Gaze Control in the NIM Model	<i>Joyca Lacroix, Eric Postma, Jaap Murre</i>
39	Discovering Hidden Dispositions and Situational Factors in Causal Relations by Means of Contextual Independencies	<i>Manon Sanscartier, Eric Neufeld</i>
40	How Many Rooms in an Octopus Apartment? Effects of Prosody on Conceptual Combination	<i>Dermot Lynott, Louise Connell</i>
41	Visual Attention and the Semantics of Space: Evidence for Two Forms of Symbolic Control	<i>Matthias Scheutz, Bradley Gibson</i>
42	Complexity in Spatial Reasoning	<i>Marco Ragni, Thomas Fangmeier, Lara Webber</i>
43	Dealing with Metonymic Readings of Named Entities	<i>Thierry Poibeau</i>
44	A Methodological Alternative to Media Comparison Studies: Linking Information Utilization Strategies and Instructional Approach in Hypermedia Learning	<i>Katharina Scheiter, Peter Gerjets, Brigitte Vollmann, Richard Catrambone</i>
45	Improving Understanding of Science Texts: iSTART Strategy Training vs. Web Design Training	<i>Roger Taylor, Tenaha O'Reilly, Mike Rowe, Danielle McNamara</i>
46	Effects of Causal Strength on Learning from Biased Sequences	<i>David Danks, Samantha Schwartz</i>
47	(Not) Learning a Complex (but Learnable) Category	<i>David Danks</i>
48	Effects of Working Memory Capacity on a Remote Associates Task	<i>Travis Ricks, Kandi Jo Turley-Ames, Jennifer Wiley</i>
49	Simulation of Explicit and Implicit Category Learning: Evidence for a Single Learning System	<i>Frederic Dandurand</i>
50	Supporting Information Comparisons in Example-Based Hypertext Environments	<i>Peter Gerjets, Katharina Scheiter, Julia Schuh</i>
51	When Three Heads are Better than Two	<i>Jennifer Wiley, Melinda Jensen</i>
52	Use of Word Segmentation Cues in Adults: L1 Phonotactics versus L2 Statistics	<i>Amy Finn, Carla Hudson Kam</i>
53	Generalizing from Simple Instances: An Uncomplicated Lesson from Kids Learning Object Categories	<i>Ji Son, Linda Smith, Robert Goldstone</i>

54	Situated Learning and Galperin's Notion of Object-Oriented Activity	<i>Jana Rambusch</i>
55	Modality and Frequency Effects on the Accessibility of Synaesthetic Metaphors	<i>Markus Werning, Jens Fleischhauer, Hakan Beseoglu</i>
56	Effects of Concreteness on Representation: An Explanation for Differential Transfer	<i>Jennifer Kaminski, Vladimir Sloutsky, Andrew Heckler</i>
57	Inductive Learning, Uncertainty and the Acquisition of Causal Models	<i>Manfred Thuering, Uwe Drewitz, Leon Urbas</i>
58	Don't Just Tell Them, Show Them! Teachers Can Intentionally Alter Their Instructional Gestures	<i>Autumn Hostetter, Kristen Bieda, Martha Alibali, Mitchell Nathan, Eric Knuth</i>
59	Explaining Effective Learning by Analogical Reasoning	<i>Helmar Gust, Kai-Uwe Kuhnberger</i>
60	Interactions between Nouns and Verbs in Interpreting Events	<i>Andrea Proctor, Lance Rips</i>
61	Nonconvergent Dynamics and Cognitive Systems	<i>Derek Harter, Robert Kozma</i>
62	Variations in Language Use Across Gender	<i>Courtney Bell, Philip McCarthy, Danielle McNamara</i>
63	Effects of Writing on Conceptual Coherence	<i>David Galbraith, Mark Torrance, Jenny Hallam</i>
64	Perception of Linguistic and Affective Prosody in Younger and Older Adults	<i>Vanessa Taler, Shari Baum, Daniel Saumier</i>
65	Grounded Representations for Sensorimotor Learning: A Linguistic Approach	<i>Gutemberg Guerra-Filho, Yiannis Aloimonos</i>
66	Algebraic Structure of Musical Phrases Learned by 7.5-month-olds	<i>Colin Dawson, LouAnn Gerken</i>
67	As Useful as a Bicycle for a Fish: Exploration versus Constraint in Creativity	<i>Lorna McKnight, Tom Ormerod, Corina Sas, Alan Dix</i>
68	Visual Search in Microscopy Implies High-Level Cognition	<i>John Pani, Julia Chariker, Natalie Claudio, Ronald Fell</i>
69	Lexicon and Syntax in a Bilingual Connectionist Network	<i>Valderes Rinaldi, Garcia Ricardo, Francozo Edson</i>
70	Impact of External Representation and Task on Graph Comprehension	<i>Avi Parush, Leo Ferres, Maria Rasouli, Gitte Lindgaard</i>
71	Does Practice and Knowledge Equal Knowledge and Practice?	<i>Miriam Rosenberg-Lee, Marsha Lovett</i>
72	An Analysis of the CARIN Model of Conceptual Combination	<i>Barry Devereux, Phil Maguire, Fintan Costello, Arthur Cater</i>
73	Some Problems with a Behavioristic Account of Pretense	<i>Susannah Devitt</i>
74	Shaping Time: Conceptualizations of Time through Shape Metaphors	<i>Evangelia Chrysikou, Christopher Ramey</i>
75	Look Ma! No Network: PCA of Gabor Filters Models the Development of Face Discrimination	<i>Lingyun Zhang, Gary Cottrell</i>
76	Sizable Sharks Swim Swiftly: Learning Correlations through Inference in a Classroom Setting	<i>Yasuaki Sakamoto, Bradley Love</i>
77	Effects of Role Exchange between Task-doing and Observing Others on Insight Problem Solving	<i>Sachiko Kiyokawa, Taro Izawa, Kazuhiro Ueda</i>
78	Categorization in Infancy: When Sounds and Labels Hinder Category Learning	<i>Chris Robinson, Vladimir Sloutsky</i>
79	Tracking Variability in Learning: Contrasting Statistical and Similarity-Based Accounts	<i>Yasuaki Sakamoto, Bradley Love, Matt Jones</i>
80	Human and Automated Indoor Route Instruction Following	<i>Matt MacMahon, Brian Stankiewicz</i>
81	The Role of Overlap and End State in Perceiving and Remembering Events	<i>Shulan Lu, Derek Harter</i>
82	Grammatical and Coherence-Based Factors in Pronoun Interpretation	<i>Laura Kertz, Andy Kehler, Jeff Elman</i>
83	Unity of Consciousness	<i>Andrew Brook, Paul Raymond</i>

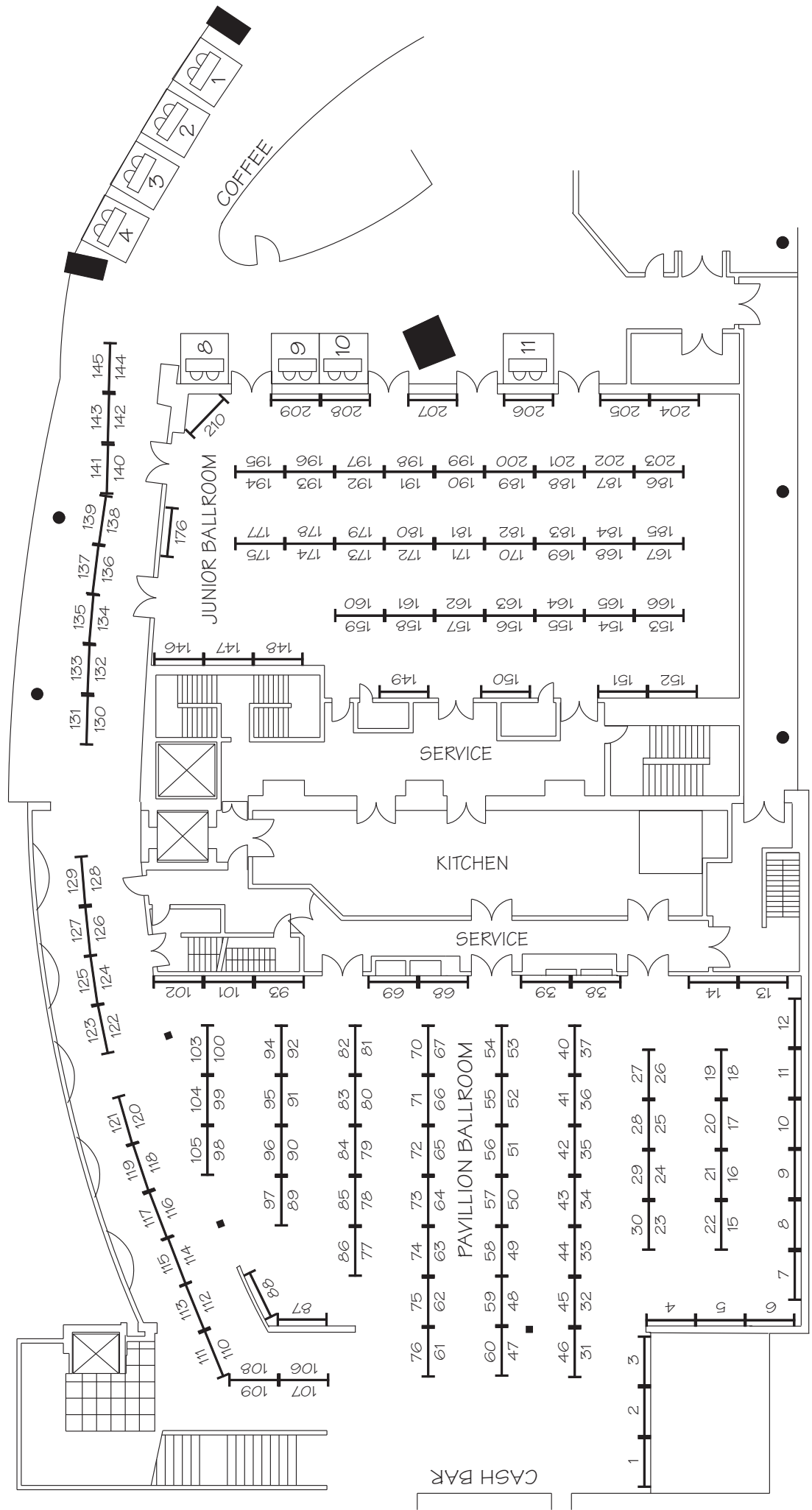
84	The Evolution of a Flexible, Reusable Model for Predicting Eye Movements During Visual Search	<i>Tim Halverson, Anthony J. Hornof</i>
85	Classroom Based Reading Strategy Training: Self-Explanation vs. Reading Control	<i>Tenaha O'Reilly, Roger Taylor, Danielle McNamara</i>
86	Understanding the Role of Structure in Concept Maps	<i>Thomas Reichherzer, David Leake</i>
87	Automatic Distillation of Musical Structures: Learning the Grammar of Music	<i>Ofir Hermesh, Ofer Shacham, Keren Mendiuk, Ben Sandbank</i>
88	Intentional and Incidental Classification Learning in Category Use	<i>Michael Romano</i>
89	Out of the Mouths of Babes: The Effect of Source on 20-month-olds' Use of Mutual Exclusivity	<i>Chandra Brojde, Eliana Colunga</i>
90	Decomposing the Mean: Using Distributional Analyses to Provide a Detailed Description of Addition and Multiplication Latencies	<i>Marcie Penner-Wilger, Jo-Anne LeFevre</i>
91	The Influence of Learning to Distinguish Categories on Graded Structure	<i>Kimery Levering, Kenneth Kurtz</i>
92	Does Writing Improve as a Function of Number of Reviewers?	<i>Kwangsu Cho, Schunn Christian</i>
93	A Common Mechanism is Possibly Underlying the Shift in Perceptual and Conceptual Judgment Produced by Irrelevant Information	<i>Penka Hristova, Boicho Kokinov</i>
94	To What Extent is "Shang, Above" in Chinese Conceptualized?	<i>Yuk Han, Priscilla Ngan</i>
95	Memory and Emotion in the Gambling Task: The Case for Dissociable Functions	<i>Andrea Stocco, Danilo Fum</i>
96	Productive Failure: A Hidden Efficacy of Seemingly Unproductive Production	<i>Manu Kapur</i>
97	JUDGEMAP --- Integration of Analogy-Making, Judgment, and Choice	<i>Georgi Petkov, Boicho Kokinov</i>
98	Grounding Language in Descriptions of Scenes	<i>Paul Williams, Risto Miikkulainen</i>
99	A Model of Syntactic Parsing Based on Domain-General Cognitive Mechanisms	<i>Arthi Murugesan, Nicholas L. Cassimatis</i>
100	Learning Representations of Orthographic Word Forms	<i>Daragh Sibley, Christopher Kello</i>
101	Auditory Overshadowing and Categorization: When Decreased Visual Processing Facilitates Categorization	<i>Chris Robinson, Calvin Timbrook, Vladimir Sloutsky</i>
102	Typicality Gradients in Lexical Categorization Revealed by Graded Manual Responses	<i>Rick Dale, Nicholas Hindy, Michael Spivey</i>
103	The Fractal Fabric of Speech	<i>Gregory Anderson, Christopher Kello</i>
104	Is Recurrence Redundant? Revisiting Allen and Christiansen (1996)	<i>C. Anton Rytting</i>
105	Fast and Frugal Operators Sub-Optimally Adapt To Machine Failure	<i>Robert Youmans, Stellan Ohlsson</i>
106	Cognitive Models of the Effect of Audio Cueing on Attentional Shifts in a Complex Multimodal Dual-Display Dual-Task	<i>Derek Brock, Brian McClimens, Anthony Hornof, Tim Halverson</i>
107	Exploring the Relationship Between Pain and Perception	<i>Alice Kyburg</i>
108	Cognitive-Affective Interactions in Human Decision-Making: A Neurocomputational Approach	<i>Hongbin Wang, Chance Coble, Paul Bello</i>
109	Intuitive Theories of Mind: A Rational Approach to False Belief	<i>Noah D. Goodman, Chris L. Baker, Elizabeth Baraff Bonawitz, Vikash K. Mansinghka, Alison Gopnik, Henry Wellman, Laura Schulz, Joshua B. Tenenbaum</i>
110	Automated Team Discourse Modeling with Latent Semantic Analysis	<i>Peter Foltz, Melanie Martin, Ahmed Abdelali, Mark Rosenstein, Rob Oberbreckling</i>
111	Proper Names in Slovene: Implications for Defaults in Inflectional Morphology	<i>Joseph Stemberger</i>
112	An Embodied Approach to Cognitive Systems: A Dynamic Neural Field Theory of Spatial Working Memory	<i>John Spencer, Gregor Schonher</i>

113	Discovering Systems of Concepts	<i>Patrick Shafto, Charles Kemp, Vikash Mansinghka, Matthew Gordon, Joshua Tenenbaum</i>
114	On Modeling Intentions for Prospective Memory Performance	<i>Renee Elio</i>
115	Modeling Russian Verbs of Motion: An Analogical Account	<i>Inna Danielyan Dodge, Deryle Lonsdale</i>
116	Simulating Time-Course Phenomena in Perceptual Similarity via Incremental Encoding	<i>Andrew Lovett, Dedre Gentner, Kenneth Forbus</i>
117	Cognitive and Emotive Empathy in Discourse	<i>Bilyana Martinovski</i>
118	Linear Separability and Manifestations of Abstract Category Structures	<i>Kenpei Shiina</i>
119	A Synapse Plasticity Model for Conceptual Drift Problems	<i>Rudolph Mappus, Ashwin Ram</i>
120	Use of Cognitive Field Research Methods to Investigate Cultural Groups: The Case of Individual Decision Making in Middle Eastern Crowds	<i>Winston Sieck, Anna McHugh, Jennifer Smith</i>
121	Asymmetric Categorization in the Sequential Auditory Domain	<i>Charles Delbe, Emmanuel Bigand, Robert French</i>
122	What If Chinese Had Linguistic Markers for Counterfactual Conditionals? Language and Thought Revisited	<i>Gary Feng, Li Yi</i>
123	Finding Evidence of Deductive and Abductive Reasoning Abilities: An Experiment with Lateral-Brain-Damage Patients	<i>Franco Salvetti, Alessandro Proveti</i>
124	Ambiguity and the Representation Problem	<i>Paul Saka</i>

CogSci2006 Annual Meeting

Poster Session III

July 29, 2006



Poster Session III (July 29th, 2006. 7:00PM-10:30PM)		
1	Dissociating Implicit and Explicit Learning of Syntactic Rules	<i>Patrick Rebuschat, John Williams</i>
2	Thinking Style Requirements for Project Managers	<i>Masako Itoh, Takafumi Kawasaki, Kenji Hirata</i>
3	Partially Unique Variance in Reading Accounted for by Working Memory and Semantic Priming	<i>Christopher Was, Dan Woltz</i>
4	Sleep, Memory Consolidation, and Semantic Relationships in a Verbal Declarative Memory Task	<i>Jessica Payne, Matthew Walker, Jeffrey Ellenbogen, Eva Stroynowski, Robert Stickgold</i>
5	The Effect of Metaphor Familiarity on Semantic Activation of Topic and Vehicle	<i>Tomohiro Taira, Takashi Kusumi</i>
6	Event Related Potentials and the Musical Brain: The Effects of Music Preference and Music Training on Pre-attentive Stimulus Recognition (N200) and Memory Updating (P300) Processes	<i>George Caldwell, Leigh Riby</i>
7	Perceptual Representations and Verb Aspect	<i>Carol J. Madden, David J. Therriault</i>
8	The Effect of Einstellung on Compositional Processes	<i>Stephen Blessing, Patrick Dronek</i>
9	Eye-hand Coordination in the Development of a Natural task: Making Ten Cups of Coffee	<i>Shintaro Shinozaki, Harumi Kobayashi, Tetsuya Yasuda</i>
10	Validating a Rapid Verification Method for Cognitive Diagnosis	<i>Slava Kalyuga</i>
11	Negative Transfer in the Learning of Typing Tasks	<i>Trina Kershaw</i>
12	Children's Brains and Socioeconomic Status: A Selective-Attention ERP Study	<i>Anthony Herdman, Amedeo D'Angiulli, Clyde Hertzman, David Stapells</i>
13	Certainty in Extensional Probabilistic Reasoning	<i>Gorka Navarrete, Carlos Santamaria</i>
14	Neurobiological Ontogenetic Development and Human Language Evolution: A Reappraisal and Perspectives	<i>Renan Vitral, Eveline Silva, Dardania Sales</i>
15	Causal Properties Support Categorization in Infancy	<i>Amy Booth</i>
16	How Do Cognitive Processes Support Over-eating?	<i>Emmanuel Pothos, Katy Tapper, Javad Fadardi, Eleni Ziori</i>
17	Hand Shape Affects Access to Memories	<i>Katinka Dijkstra, Mine Misirlisoy, Michael Kaschak, Rolf Zwaan</i>
18	Hemispheric and Cross-Dimensional Transfer of Perceptual Learning under Easy and Hard Conditions	<i>Marina Pavlovskaya, Shaul Hochstein</i>
19	The Influence of Procedural and Conceptual Instructions on Mathematical Problem Solving	<i>Takahiro Hattori, Takashi Kusumi</i>
20	How Parent Corrections Affect Children's Label Acquisition	<i>Amber Ankowski, Catherine Sandhofer</i>
21	Time Perception and Mental Imagery	<i>Madeleine Grealy</i>
22	The Influence of Refutational Text on Children's Ideas about the Earth	<i>Irini Skopeliti, Stella Vosniadou</i>
23	The Development of Knowledge about the Earth and the Day/Night Cycle in Blind and Sighted Children	<i>Kalliopi Ikospentaki, Stella Vosniadou, Irini Skopeliti</i>
24	An Explanation of Why Inference Learners Sometimes Appear to Store Prototypical Features	<i>Hakan Nilsson, Henrik Olsson</i>
25	Low Frequency Waves on EEG Recordings during Stimuli of Feel	<i>Hiroyuki Murakami</i>
26	Are There any Good Arguments for the Categorical Explanation of Perceptual Constancy?	<i>Peter Bradley</i>
27	Exploring Human Multitasking Strategies from a Cognitive Constraint Approach	<i>Duncan Brumby, Dario Salvucci</i>
28	The Psychology of Su Doku Problems	<i>N.Y. Louis Lee, Geoffrey P. Goodwin, P.N. Johnson-Laird</i>
29	Effects of Sampling Ecology on Correlational Judgment	<i>Richard Anderson, Michael Doherty</i>

30	Causal Cycles in Categorization	<i>Nancy Kim, Megan Ryan</i>
31	A Hierarchy of Prosodic Cues in Speech Processing	<i>Marjolein Merks, Padraic Monaghan</i>
32	The Incoherence of Heuristically Explaining Coherence	<i>Iris van Rooij, Cory Wright</i>
33	The Inhibition Effect of the Phonological Neighborhood Size	<i>Youan Kwon, Kichun Nam</i>
34	Feature-based Generalization and Artificial Language Learning	<i>Sara Finley, William Badecker</i>
35	Second Language-Specific Idiom Recognition Skills and Social Communication	<i>Wai Men Noel Chung, Norman Segalowitz</i>
36	Means-End Behavior in Infancy: The Interrelation of Action Production and Action Perception	<i>Moritz M. Daum, Wolfgang Prinz, Gisa Aschersleben</i>
37	Analyzing Mental Image Generation Data through Imputation: Evidence of a Visual and an Episodic Buffer for Image-Size Scaling	<i>Amedeo D'Angiulli, Adam Reeves</i>
38	A Gradual Transition over Development in Spatial Working Memory	<i>Anne Schutte, Margaret Ortmann</i>
39	Virtual Travel Does Not Enhance Spatial Working Memory for Landmark-Free Paths	<i>Don Lyon, Glenn Gunzelmann, Kevin Gluck</i>
40	Word Classes and Word Order	<i>August Fenk, Gertraud Fenk-Oczlon</i>
41	Using Coh-Metrix to Assess Cohesion and Difficulty in High-School Textbooks	<i>Philip M. McCarthy, Erin J. Lightman, David F. Dufty, Danielle S. McNamara</i>
42	A Proposal for Algorithms in the Human Brain	<i>Sule Yildirim, Ronald L. Beachell</i>
43	Experienced and Anticipated Emotion in Deontic Reasoning	<i>Nick Perham, Mike Oaksford</i>
44	Knowledge Partitioning in Multiple Cue Probability Learning	<i>Daniel R. Little, Stephan Lewandowsky</i>
45	The Time Course of Overall Similarity Sorting in Free Classification	<i>Fraser Milton, Andy Wills</i>
46	Causal Necessity and Alternative Strength Differentially Influence Predictions and Causal Judgments	<i>Kelly Goedert</i>
47	Does Learning from Examples Improve Tutored Problem Solving?	<i>Ron Salden, Vincent Alevan, Alexander Renkl, Jorg Wittwer</i>
48	Modal Representations of Word Meanings: Schematic or Instance-based?	<i>Tobias Richter, Rolf A. Zwaan</i>
49	Visual Cues in Connectionist Models of Language Acquisition	<i>Bo Pedersen</i>
50	Memory Retrieval in a Dependency-Based Model of Sentence Processing	<i>Mattias Nilsson</i>
51	Cognitive Arithmetic: Effects of Numerical Surface Form and Equation Presentation Format	<i>Michael Yip</i>
52	9-month-old Infants Learn Action-effect Contingencies by Observation and Use this Knowledge for Their Own Action Control	<i>Annette Klein, Petra Hauf, Gisa Aschersleben</i>
53	Transfer Effects in Chinese Vocabulary Learning	<i>Philip Pavlik</i>
54	Speech Rhythm and Speech Rate in Crosslinguistic Comparison	<i>Gertraud Fenk-Oczlon, August Fenk</i>
55	Exploring the Use of Factor Analysis to Understand the Nature of Verbal Protocols	<i>Stacey Todaro, Joseph Magliano</i>
56	Incidental Learning on the London Tube: Evidence from Hypermedia	<i>Patricia Boechler, Dorothy Steffler, Ilya Levner, Lindsey Leenaars</i>
57	Language in Law: Using Coh-Metrix to Assess Differences between American and English/Welsh Language Varieties	<i>Charles Hall, Gwyneth Lewis, Philip McCarthy, Debra Lee, Danielle S. McNamara</i>
58	Understanding as Seen with Emotional Responses	<i>Paulina Lindstrom</i>
59	Towards a Biologically Inspired Semantic Segmentation of Goal Oriented Actions	<i>Roberto Prevete, Matteo Santoro, Ezio Catanzariti, Giovanni Tessitore</i>
60	Plan Recognition Using Multimodal Integration	<i>Olga Vybornova, Kosta Gaitanis, Benoit Macq</i>
61	Evolutionary Simulations on the Adaptive Value of Connectionist Learning	<i>Hans Phaf, Bram Heerebout, Gijs Schraeverus</i>

62	Three Experimental Comparisons of Learner-generated versus Author-provided Graphic Organizers	<i>Andrew T. Stull, Richard E. Mayer</i>
63	Learning in Amnesia	<i>Maarten Speekenbrink, Shelley Channon, David Shanks</i>
64	Incidental Learning of Item Orientation	<i>Steve Kelly, Rebecca Mancy</i>
65	Distributional Learning in Vowel Distinctions by 8-month-old English infants	<i>Ferran Pons, Laura Sabourin, Jasmine Cady, Janet Werker</i>
66	The Enigma of Financial Expertise: Superior and Reproducible Investment Performance in Efficient Markets	<i>Edward Cokely, Patric Andersson, Anders Ericsson</i>
67	Assessing the Problem-solving Abilities of Patients with Frontal Lobe Lesions Using a Real World Travel Planning Task	<i>Lisa Casagrande Hoshino, Vinod Goel, Vanessa Raymont, Jordan Grafman</i>
68	Expertise Effects on Sorting Strategies of Causal Phenomena	<i>Benjamin Rottman, Dedre Gentner</i>
69	The Cognitive Role Immanent in Emotions: The Embodiment of Emotional Sensation	<i>Daniel Hsi-wen Liu</i>
70	The Time Course and Pace of Email Collaboration	<i>Sophie Bettex, Adrian Bangerter</i>
71	Interactional Costs of Interrupting Collaborative Tasks: Effect of Length on Face	<i>Eric Chevalley, Adrian Bangerter</i>
72	College Students' Representation of Introductory Calculus Problems	<i>Jie Yan, Nancy Lavigne</i>
73	Analysis of Cognitive Models to Evaluate User Interfaces	<i>Jeronimo Dzaack</i>
74	Effects of Incompatible Prior Knowledge in Butterfly Style on Understanding Finswimming Style	<i>Maria Koulianou, Stella Vosniadou</i>
75	Vigilance Procedure Generalization for Recurrent Associative Memories	<i>Sylvain Chartier, Sebastien Helie, Robert Proulx, Mounir Boukadoum</i>
76	Modeling Individual Strategic Behavior in Human Multitasking	<i>Juergen Kiefer</i>
77	Learning Environment of the Children for the Social Competence Development by Conversion of Viewpoint	<i>Narihito Shinonaga, Masashi Toda, Ikuko Gyobu</i>
78	A Self-Organizing Connectionist Model of Bilingual Lexical Development	<i>Xiaowei Zhao, Ping Li</i>
79	Procedural Learning of an Artificial Script Greater with Explicit Letter Instruction	<i>Tali Bitan, James Booth, James Cheon</i>
80	Using Phrasal Verbs to Identify Text Genres	<i>Kyle Dempsey, Philip McCarthy, Danielle McNamara</i>
81	Interaction Patterns as Support for Cognitive Modeling	<i>Marcus Heinath</i>
82	Expectation Affects Unconscious Semantic Priming	<i>Jennifer Major, Keith Horton</i>
83	Lexicality as a Determinant of the Category-Order Effect	<i>Sylvain Pronovost, Jordan Schoenherr, Robert Thomson, Michael Henighan</i>
84	The Effect of Direction Type and Environmental Scale on Wayfinding Efficiency	<i>Alycia Hund, Mary Bartlett, Brian Seanor</i>
85	Looking for Categorical Perception in a Dot-Pattern Task	<i>Gyslain Giguere, Guy L. Lacroix, Serge Larochelle, Denis Cousineau</i>
86	What are They Thinking? Decomposing a Complex Task	<i>Yvonne Kao, John Anderson</i>
87	Automating Text Propositionalization: An Assessment of AutoProp	<i>Stephen W. Briner, Philip M McCarthy, Danielle S. McNamara</i>
88	Shallow Processing of Universal Quantification: A Comparison of Monolingual and Bilingual Adults	<i>Patricia Brooks, Irina Sekerina</i>
89	Early Second Language Learning and Adulthood Learning Strategies	<i>Asha Smith, Michael Ramscar</i>
90	A Explorative Study about the Strategies of Serendipitous Discovery	<i>Fumio Kobayashi, Takeshi Okada</i>
91	Learning Foreign Words Under Dual-Task Conditions	<i>Margarita Kaushanskaya, Viorica Marian</i>
92	Detecting Manipulated Second Language Reading Texts	<i>Scott Crossley, Philip McCarthy, Gwyneth Lewis, David Dufty, Max Louwerse, Danielle McNamara</i>

93	Classifying with Essentialized Categories	<i>Bob Rehder, ShinWoo Kim</i>
94	How Internalization is Evolved?	<i>Tetsuya Nada, Shun'ichi Maruno</i>
95	Effect of the Correlational Attributes on Mere Exposure in Concept Formation	<i>Ken Matsuda, Takashi Kusumi</i>
96	Is Causal Status Weighed Differently in Categories of Causes than in Categories of Effects?	<i>Nathalie James, Catherine Sandhofer</i>
97	Does Causal Discovery Result in Category Formation and Set the Basic Level?	<i>Nathalie James, Patricia Cheng</i>
98	Artists' Long-term Process for Making Art	<i>Sawako Yokochi, Takeshi Okada</i>
99	When is Visual Working Memory Needed in Text Comprehension?	<i>Kyung Soo Do, Seong-Ae Bang</i>
100	Robot-Human Interaction --- How Robot Approach Behaviors Affect Human Perception of a Robot's Character and Role	<i>Masashi Komori, Chika Nagaoka</i>
101	Perspectives in Reasoning About Quantities	<i>James G. Greeno, Brian MacWhinney</i>
102	Locatives in Event Structure: Goal-Source Asymmetry	<i>Seungho Nam</i>
103	How Attentional Blink Facilitates Multitasking	<i>Ion Juvina, Niels Taatgen</i>
104	Do People with Varying Cognitive Styles Access Semantic Knowledge Differently?	<i>Ariela Gigi</i>
105	Individual Differences in Face Processing as Revealed with Priming	<i>Cory Rieth, David Huber</i>
106	Does the Primary Intuitive Model of Living Things Persist in Adolescence?	<i>Reuven Babai, Rachel Sekal, Ruth Stavv</i>
107	Analyzing Dynamics of Probability Learning	<i>Denes Toth, Balazs Aczel</i>
108	Priming Causal Conditionals	<i>Caren Frosch, Ruth Byrne</i>
109	Resuming an Interrupted Task: Activation and Decay in Goal Memory	<i>Helen Hodgetts, Dylan Jones</i>
110	Quantitative Estimation of the Muller-Lyer Illusion	<i>Shusaku Nomura</i>
111	Understanding Dynamic Systems with Direct-Manipulation Animation	<i>Margaret Chan, John Black</i>
112	More than Knowledge: Word Frequency Influences Preferences for Thematic Associates	<i>Jeannette Whitmore, Wendelyn Shore, Peg Hull-Smith</i>
113	Tetris as a Task Environment for Research in Dynamic Decision Making, Attention, Categorization, and Cognitive Modeling	<i>Bella Zafrina, Vladislav Veksler, Stephane Gamard, Wayne Gray</i>
114	How Tutoring Policies Affect the Tutoring Strategies Used by Expert Tutors	<i>Evelyn Lulis, Shlomo Argamon, Martha Evens</i>
115	Human Deviations from Normative Causal Reasoning	<i>Bob Rehder</i>
116	The Effect of an Extra Object on the Apprehension of Projective Spatial Terms	<i>Takatsugu Kojima, Takashi Kusumi</i>
117	Implicit Artificial Grammar Learning in Adults and Children	<i>Esther van den Bos, Fenna H. Poletiek</i>
118	Tickling: Qualitative and Quantitative Analyses of Facial Expressions and Motions	<i>Harvey Ginsburg, Shannon Stavinoha</i>
119	Glucose and Cognition: An ERP Investigation of the Neuro-Cognitive Mechanisms Mediating the Glucose Facilitation Effect	<i>Leigh Riby, Sandra Sunram-Lea, Tracy Cooper, Cheryl Crockett</i>
120	Failure to Generalize Implicitly Learned Behavior on the Monty Hall Problem	<i>Robb Lindgren, Daniel L. Schwartz</i>
121	Assessing the Conditional Inference During Text Processing	<i>Hiroko Nakamura, Jun Kawaguchi</i>
122	Subvocalization in Reading L1 Japanese Texts and L2 English Texts	<i>Takue Ohno, Jun-ichi Abe</i>
123	Can Young Children Understand Commission and Omission on Similar Levels?	<i>Hajimu Hayashi</i>
124	Linguistically Grounded Models of Language Change	<i>Thierry Poibeau</i>
125	The Pitfalls of Overprompting in Writing-to-Learn	<i>Matthias Nuckles, Sandra Hubner, Alexander Renkl</i>

126	Causal vs. Evidential Decision Making in Newcomb's Paradox	<i>York Hagmayer, Steven Sloman</i>
127	The Acoustic Features of Parental Speech during Storybook Reading Discriminate between Funny and Unfunny Mental States	<i>Elena K. Hoicka, Merideth Gattis</i>
128	Personalization of a Virtual Museum Tour Using Eye-gaze	<i>Leendert Van Maanen, Chris Janssen, Hedderik Van Rijn</i>
129	Young Children's Mapping of Conceptual to Spatial Relations	<i>Susanne Koerber</i>
130	Learning on the Balance Scale Task	<i>Brenda Jansen, Maartje Raijmakers, Ingmar Visser</i>
131	On Understanding Of Human Requests By Computers	<i>Edward Pogossian</i>
132	Some Limits on Statistical Learning	<i>Rebecca Morley, William Badecker, Paul Smolensky</i>
133	Grapheme-to-Phoneme Conversion for Korean Point-of-Interest Data Using Prosodic Words	<i>Sunhee Kim, Je Hun Jeon, Minsoo Na, Minhwa Chung</i>
134	Role of Selective Attention in Artificial Grammar Learning	<i>Daisuke Tanaka, Sachiko Kiyokawa, Ayumi Yamada, Kazuo Shigemasa</i>
135	Children's Knowledge of the Earth: New Evidence for the Fragmentation Account	<i>Marthe Straatemeier, Han L. J. van der Maas, Brenda R. J. Jansen</i>
136	On The Bottom-Up and Top-Down Influences of Eye Movements	<i>Gert Kootstra, Arco Nederveen, Bart de Boer</i>
137	Effects of Orthographic Neighborhood Size on Morphological Processing	<i>Laurie Feldman, Yuki Kanai, Dana Basnight Brown</i>
138	How Cognitive Aging Affects the Relation between Attention and Error Repetitions?	<i>Etsuko T. Harada, Satoru Suto</i>
139	Conceptual Hierarchies Arise from the Dynamics of Learning and Processing: Insights from a Flat Attractor Network	<i>Christopher M. O'Connor, Ken McRae, George S. Cree</i>
140	Representations in the Developing Lexicon for Consonants and Vowels	<i>Tania Zamuner</i>
141	Age-Related Impairments in Monitoring Recollection-Based Memory	<i>Sameer Bawa, Chad Dodson</i>
142	Putting Action in Perspective: The Role of Experience and Expectations	<i>Bridgette Martin Hard, Sandra C. Lozano, Barbara Tversky</i>
143	Cultivation of Critical Thinking Disposition via Asynchronous Online Discussion	<i>Ya-Ting Carolyn Yang</i>
144	Recursion for Adversarial Modelling: New Evidence	<i>Joseph MacInnes, Debra Gilin</i>
145	Generalizability of Decision Models: An Ecological Cross-validation Approach	<i>Bartosz Gula, Oliver Vitouch</i>
146	Thematic Representation in Simple Recurrent Networks	<i>Ricardo Basso Garcia, Edson Francozo</i>
147	Word-Order and Lexical-Semantic Factors Influencing Thematic Role Assignment Strategies in Sentence Comprehension	<i>Shahram Ghiasinejad, Richard Golden</i>
148	An Inquiry into Bilingual and Monolingual Repetition Effects	<i>Sharon Obeidallah, Gary Raney</i>
149	Selective Attention or Structured Representation: The Effect of Category Information on Similarity Judgment	<i>Na-Yung Yu, Takashi Yamauchi</i>
150	Using Space for Language: Deictic Pointers and Thematic Role Assignment	<i>Ariel Goldberg, Barbara Landau</i>
151	Modeling the Effects of Induced Frequency	<i>Angela Nelson, Richard Shiffrin</i>
152	Using Feedback from Struggling Readers Reveals a Built-In Lesson	<i>Susan Kershaw</i>
153	Young Children's Comprehension of a Novel Interface: How Cognitive Development and Previous Computer Experience Come into Play	<i>Shuli Gilutz, John B. Black</i>
154	Diagrams That Really Are Worth Ten Thousand Words: Using Argument Diagrams to Teach Critical Thinking Skills	<i>Maralee Harrell</i>

155	Learning an Ordered Series: An fMRI Study	<i>Filip Van Opstal, Tom Verguts, Wim Fias</i>
156	Celebrity Recognition Priming: Is Association Required?	<i>Lara Jones, Adam Pope, Eva Reed, Patrick Thompson, Elizabeth Cooper, Kevin Wilson</i>
157	The Role of Velocity in Toddlers' Object Representations	<i>Lynn Perry, Stephen Hockema, Linda Smith</i>
158	Context Change and Interference in Episodic Memory	<i>Yoonhee Jang, David Huber</i>
159	Cognitive Principles in Tools for Scientists: Revising Quantitative Models with Prometheus	<i>Dorrit Billman, Will Bridwell, Stuart Borrett</i>
160	Test Case Selection for Evaluating Measures of Semantic Distance	<i>Vladislav "Dan" Veksler, Wayne Gray</i>
161	Implicit Gender Aftereffects in the Perception of Face Silhouettes	<i>Nicolas Davidenko, Jonathan Winawer, Nathan Witthoft</i>
162	Availability and Category Structure Determinants in Instantiation of Artifact and Natural Kind Concepts Using Features, Rated Similarities and Associations	<i>Simon De Deyne, Gert Storms</i>
163	Implicit Learning and Lexical Development	<i>Inge-Marie Eigsti, Shin-Yi Fang</i>
164	Can Developmental Changes in Task Switching be Explained by Age Alone?	<i>Michelle Ellefson, Emma Johnstone, Elisabeth Blagrove, Nick Chater</i>
165	From Symbols to Symbol System: Pre-reading Children's Understanding of Basic Principles of Writing Systems	<i>Tanya Kaefer, Gary Feng</i>
166	Integrating Linguistic and Referential Cues into Probabilistic Models of Word Learning	<i>Michael Frank, Vikash Mansinghka, Edward Gibson</i>
167	Systematicity as a Processing Constraint on Feature Centrality	<i>Jason Jameson, Dedre Gentner</i>
168	Using Diagrams and Gestures to Think and Talk about Insight Problems	<i>Angela Kessell, Barbara Tversky</i>
169	A Connectionist Account of the Pattern of Deficits across Semantic and Lexical Tasks in Five Semantic Dementia Patients	<i>Katia Dilkina, James McClelland</i>
170	Hunting the SNARC in Its Natural Habitat: Evidence for a Cognitive Number Line in an Equation-writing Task	<i>David Landy</i>
171	Are Domain Names Written in Japanese Easy to Understand ?	<i>Hisao Nojima, Noriko Shingaki</i>
172	A Computational Approach to Meditation	<i>Manish Saggarr, Risto Miikkulainen</i>
173	Science Students' Document Literacy Skills	<i>Sylvia d'Apollonia</i>
174	Evidence for the Cognitive Role of Space on an Algebraic Production Task	<i>David Landy, Robert Goldstone</i>
175	Configural Memory with Network Reinforcement Learning	<i>Vladislav Veksler, Wayne Gray</i>
176	Linear Separability and Concept Learning: Eyetracking Individual Differences	<i>Aaron Hoffman, Bob Rehder</i>
177	Concepts of Emotion and Dimensional Ratings of Italian Emotion Words in Pre-adolescents	<i>Cristina Galli, Vanda L. Zammuner</i>
178	Detecting Syntactic Patterns in Speech to Infants: The Utility of Frequent Frames	<i>Toben Mintz</i>
179	The Geometrician: A Computer Prototype of Problem Solving in Geometry Construction	<i>Edgar Raul Acosta Villasenor, Rafael Perez y Perez</i>
180	Infants' Tracking of Split-Objects	<i>Henny Yeung, Fei Xu</i>
181	Preview Benefits and Deficits in Visual Selective Attention	<i>Eddy Davelaar, David Huber</i>
182	Contextual Bootstrapping for Grammar Learning	<i>Eva Mok, Nancy Chang</i>
183	Situational Frequency Judgments are Influenced by Contextual Diversity	<i>Jose Quesada, James S. Adelman, Nick Chater</i>
184	The Effect of Depth Information on Inferring Cross-sections	<i>Peter Khooshabeh, Mary Hegarty</i>
185	Teleological Explanation in Alzheimer's Disease	<i>Tania Lombrozo, Deborah Zaitchik</i>
186	The Structure of Integral Dimensions	<i>Matt Jones, Robert L. Goldstone</i>

187	Effects of Visual Saliency and Knowledge on Inferences from Weather Maps	<i>Matt Canham, Mary Hegarty</i>
188	Beyond Fragmentation: Ill-structured Domains, Networks, Complex Systems, and Biofunctional Science	<i>Asghar Iran-Nejad, Franco Zengaro, Sally Zengaro</i>
189	Distributional Effects in Iconic Gesture Comprehension	<i>Stephanie Packard, Ellen Campana, Michael Tanenhaus</i>
190	Twenty-five Years after 'Metaphors We Live By': The Absence of the Topic of Metaphor in Introductory Psychology Textbooks	<i>Christopher Ramey, Elizabeth Lee</i>
191	Constructing Racing Cars: Reducing Problem Complexity for the Fastest Car Ever Seen	<i>Angela Brunstein</i>
192	Determining Parameters in Jordan's (1986) Recurrent Network	<i>Chi-Chih Chang, Jon-Fan Hu</i>
193	Differences in the Representation of Physical and Social Causation	<i>Bianca Klettke, Phillip Wolff</i>
194	Investigating the Effect of Domain Knowledge on Collaborative Problem Solving	<i>Timothy Nokes, Michelle Meade, Dan Morrow, Elizabeth Stine-Morrow</i>
195	Set Operators for Superordinate Categories Machine Learning	<i>Mounir Maouene, Linda B. Smith, Josita Maouene</i>
196	Comparison of Negative and Positive Integers	<i>Sashank Varma, Janet Go, Robb Lindgren</i>
197	Do Alternative Categorizations Improve Problem Solving? Evidence from a Verbal Protocol Analysis	<i>Evangelia Chrysikou, Katherine Alvarez, Jenna Clarke</i>
198	Context-Independent Influence of Explicit Markers on Proverb Interpretation	<i>Todd Ferretti, Courtney Patterson, Albert Katz</i>
199	Remembering Lectures by Connecting to Personal Experiences	<i>Naomi Miyake, Hajime Shirouzu, Makoto Hirakawa</i>
200	The Effect of Time Interval on Student Learning of Statistical Concepts	<i>Hajime Shirouzu, Naomi Miyake, Jiro Kitamura, Hitoshi Iaumori</i>
201	Behavioral and Electrophysiological Tests of a Perceptual Account of Negative Priming	<i>Xing Tian, Eddy J. Davelaar, Todd Crowley, David E. Huber</i>
202	Causal Reasoning from Forces	<i>Aron Barbey, Phillip Wolff</i>
203	The Acquisition of Tacit Knowledge in a Research Laboratory	<i>Janet Bond-Robinson, Randall Robinson, Amy Preece Stucky</i>
204	Tight and Loose: A Conceptual Asymmetry	<i>Heather Norbury, Sandra Waxman</i>
205	Principles and Problem Contexts in Early Arithmetic	<i>Richard Prather, Martha Alibali</i>
206	A Naturalistic Study of Input Effects on the Development of Number Concepts	<i>Linda Suriyakham, Susan Levine, Janellen Huttenlocher</i>
207	Hybridity of Subjectivity in Korean with Reference to English and Japanese	<i>Soichi Kozai</i>
208	Linguistic Contributions to Reasoning about Causal Agents	<i>Caitlin Fausey, Lera Boroditsky</i>
209	Pacing Visual Attention: Rate and Rhythm Effects	<i>June Skelly</i>

CogSci2007
Twenty-Ninth Annual Meeting of the Cognitive Science Society

August 1-4, 2007
Nashville, Tennessee

Conference Co-Chairs: Danielle S. McNamara and Greg Trafton

Highlighted Theme: CogSci in the Real World
Plenary Speakers: Walter Kintsch and John Laird

Submissions due: February 1, 2007
<http://csep.psyc.memphis.edu/cogsci07/>

We encourage cognitive scientists from around the world to submit their best work and to attend CogSci2007 to hear the latest data and theories from the world's best cognitive science researchers. As always, submissions are welcome in all areas of cognitive science. At CogSci2007, in addition to papers, posters, and symposia reflecting the full range of cognitive science disciplines, we will emphasize the theme *Cognitive Science in the Real World*.

This theme highlights cognitive science research in which principles derived from basic cognitive science research are further tested in real world settings or applied to questions that arise in real world settings. Cognitive Science in the Real World is theoretically driven and feeds back to our theoretical understandings. As such, real world research fortifies our understanding of human cognition.

To honor this theme, two world-class scientists who exemplify this genre of research will give plenary addresses at the conference: **Walter Kintsch** and **John Laird**.

Call for Papers

2007 International Joint Conference on Neural Networks Celebrating 20 years of Neural Networks!

August 12-17, 2007 in Orlando, Florida

<http://www.ijcnn2007.org>

The 2007 International Joint Conference on Neural Networks (IJCNN 2007), sponsored by the International Neural Network Society and co-sponsored by the IEEE Computational Intelligence Society, is the premier event in the field of neural networks. It covers all topics in neural network theory and applications, including, but not limited to:

- Neural network models and analysis
- Connectionist cognitive science and cognitive modeling (language, reasoning, perception, learning, consciousness, emotion, etc.)
- Computational neuroscience
- Neuroengineering
- Cognitive robotics, developmental robotics, and neural robotics
- Data analysis, pattern recognition, signal processing and image processing
- Neural control
- Neuroinformatics
- Hybrid neural-symbolic, neuro-fuzzy, neuro-evolutionary systems, etc.
- Bayesian models and other graphical models
- Kernel methods
- Learning methods: supervised, unsupervised, and reinforcement
- Approximate dynamic programming and neural network approaches to optimization
- Neural dynamics, complex systems, and chaos
- Hardware implementations of neural networks and neuromorphic engineering
- Neural networks applications (expert systems, embedded systems, data mining, multi-agent systems, financial engineering, bioinformatics, telecommunication, manufacturing, etc.)

IJCNN 2007 will feature plenary speakers, special sessions, moderated panel discussions, pre-conference tutorials, post-conference workshops, regular technical sessions, poster sessions, and social functions.

Prospective authors are invited to submit complete papers of no more than six (6) pages (including results, figures, tables, and references) in IEEE two-column format. Authors should submit their papers in PDF through the online submission system, which will be available at the website: <http://www.ijcnn2007.org>.

General Chair: Jennie Si, Arizona State University
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