



The first meeting of the Society of Experimental Psychologists was held at Cornell University in Ithaca, New York, on April 4 - 5, 1904. One hundred and four years later, Indiana University - Bloomington is honored to host this year's meeting, with support from The Provost, the Department of Psychological and Brain Sciences, and the Program in Cognitive Science.

2008

Bloomington IN

Thursday, April 10, 2008

3:00 pm – 7:00 pm

Registration Check-in

Conference Lounge, Indiana Memorial Union

Optional events (required pre-registration)

3:00pm – 3:45pm	Tour of Kinsey Institute*	The Kinsey Institute
4:00pm – 4:45pm	Tour of Kinsey Institute*	The Kinsey Institute
5:00pm – 5:45pm	Tour of Lilly Library*	The Lilly Library

6:00 pm – 8:00pm

Reception

President's Room University Club, Indiana Memorial Union

Friday, April 11, 2008

8:00 am

Continental Breakfast in the Frangipani Room, Indiana Memorial Union

9:00 am Welcome

Session 1

9:15 William Batchelder
Cognitive and psychometric modeling: Converging similarities despite divergent origins

9:35 Jerome Busemeyer
A quantum information processing account for interactions between inferences & decisions

9:55 Russell Church
Principles and processes in the analysis of timing

10:15 Break

Session 2

10:30 Josh Tenenbaum, **Early Investigator Award Winner 2007**
Learning causal theories

10:50 Zhong-Lin Lu
The quick methods: Bayesian adaptive estimation of psychological functions

11:10 Lance Rips
Bayes net theories of counterfactual conditionals

11:30 Earl (Buz) Hunt
Recruitment modeling: A solution to generalizing from studies of restricted groups

12:00 Lunch on your own

Session 3

- 1:45 Elizabeth Brannon, **Early Investigator Award Winner 2008**
Developmental and evolutionary foundations for the number concept
- 2:05 Herbert Terrace
Ordinal knowledge
- 2:25 Ed Wasserman
Transposition in discrimination learning: A new look at an old problem

2:45 Break

Session 4

- 3:00 Stephen Grossberg
Spatial and object attention coordinate view-invariant object learning during eye movement search
- 3:20 Thomas Carr (and John Dewey)
Travel agency: How our environment shapes the subjective experience of control
- 3:40 Mark McDaniel, **New member**
Prospective memory: Evidence for spontaneous retrieval
- 4:00 Robert Goldstone
Spontaneous division of cognitive labor in a group coordination task

4:20 Group Photo

- 5:15 Tour of Lilly Library for those who pre-registered

Dinner and Evening on Your Own

Saturday, April 12, 2008

Session 5

- 8:00 Continental Breakfast, Frangipani Room
- 8:40 John Kruschke
Bayesian models of associative learning: From passive to active learning.
- 9:00 Michael Kahana, **New member**
Context and Episodic memory
- 9:20 David Huber
Humans in the mist: Measuring top-down face perception with noise only classification images
- 9:40 Alice Healy
Training optimization: Learning, retention, and transfer of knowledge and skills
- 10:00 Jim Townsend (and Ami Eidels)
AND and/or OR: Testing independent parallel channel predictions in conjunctive and disjunctive response time and accuracy conditions

10:20 Break

Session 6

- 10:35 Carolyn Rovee Collier
Mere retrieval protracts long-term retention
- 10:55 Ralph Miller, **New member**
The Error of Total Error Reduction
- 11:15 Ben Murdock
The spacing effect, the mirror effect, and the word frequency effect
- 11:35 Barbara Doshier
Parallel processes in visual search

12:00 Lunch on your own

Session 7

- 1:40 Morton Gernsbacher
Mirror neurons in humans
- 2:00 Michael Turvey
Perception by hand and foot (and torso)
- 2:20 Linda Smith
Toddlers' whole body solution to visual selection
- 2:30 Sam Glucksberg
Do all ducks lay eggs: The Generic Overgeneralization Effect

2:50 Break

Session 8

- 3:10 Roddy Roediger
The critical importance of retrieval for long-term retention
- 3:30 Richard Shiffrin
The co-evolution of event memory and knowledge
- 3:50 Lynne Reder, **New member**
Using midazolam to address questions about the nature of human memory
- 4:10 Charles Eriksen
How many frames per second does the visual perceptual system take?
- 4:30 Stephen Link
Misinterpreting RT data

5:00 to 5:30

Business Meeting

6:00 to 9:00 pm

Reception and Awards Dinner IU Art Museum

