

# International Conference on Comparative Cognition

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## The International Conference on Comparative Cognition

March 23 to March 26, 1995

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### Program

All meetings and receptions held in the Penthouse of the Melbourne Oceanfront Holiday Inn.

#### March 23, 1995, Thursday afternoon, 4:30 PM - 6:30 PM

- Welcome reception

#### Thursday evening, 7:30 PM - 9:40 PM

#### Spoken Posters, 7:30 PM - 9:05 PM

- M. Spetch, University of Alberta. *Comparative studies of landmark use I: Pigeons and adult humans.*
- S. MacDonald, York University. *Comparative studies of landmark use II: Marmoset monkeys and children.*
- R. Thompson, Franklin & Marshall University, D. Oden, La Salle University, & S. Boysen, Ohio State University. *Matching of relations-about-relations by chimpanzees (*Pan troglodytes*) without "language training."*
- S. Boysen, Ohio State University. *Quality judgments by chimpanzees: perceptual or motivational constraints?*
- Discussion
- L. Brownlie & A. Olthof, University of Western Ontario, M. Njegovan & R. Weisman, Queen's University. *Classifying the durations of auditory stimuli in songbirds and humans.*
- S. Shackleton & S. Hulse, Johns Hopkins University. *Pitch perception by starlings.*
- J. Steirn & J. Weaver, Georgia Southern University. *Discrimination among commonly coded stimuli: A preliminary study.*
- W. Roberts, T. Macuda, & A. Olthof, University of Western Ontario. *Evidence for equivalence sets in rat spatial memory.*
- Discussion
- R. Brush & C. Gendron, Purdue University. *Genetics of avoidance learning, effects of chlordiazepoxide and development of inhibition of delay.*
- R. Mehiel, Shippensburg University. *Just a taste of a good thing reduces fear.*
- A. Baker & Robin Murphy, McGill University. *Blocking with two independent blockers.*
- S. Young, University of Vermont, & M. Fanselow, University of California, Los Angeles. *Context preexposure facilitates contextual fear conditioning and context discriminability.*
- Discussion
- R. Burns, Southeast Missouri State University. *Evidence for enumeration in rats with a procedure that precludes serial subitizing.*
- C. Flaherty, C. Coppotelli & C. Mitchell, Rutgers University. *Do rats compare value?*
- D. Koenig, Thomas Cooley Law School. *Comparative Cognition vs. the Animal Rights Terrorists: Legal Directions from the Courts.*
- Discussion
- Break

#### Review, Thursday evening 9:10 PM - 9:40 PM

- K. Swartz, Lehman College. *Theories of mind in monkeys and apes: What is the evidence?*

#### March 24, 1995, Friday afternoon, 4:00 PM - 8:00 PM

#### Vision and Hearing

- S. Hulse, Johns Hopkins. *Auditory stream segregation by song birds.*
- R. Weisman, M. Njegovan, K. Laird, & L. Tomilson, Queen's University. *Pitch range categorization in songbirds and humans.*
- P. Blough, Brown University. *Predicting target identity during visual search.*
- R. Cook, B. Cavoto, & J. Katz, Tufts University. *Visual cognition in the pigeon.*
- W. Honig, Dalhousie University. *Discrimination of emergent properties of complex arrays using the "touch screen" procedure.*

## Outcome Expectancies and Coding Processes

- A. Delamater, CUNY-Brooklyn College. *Outcome-mediated generalization.*
- A. Santi, J. Symons, & L. Stanford, Wilfried Laurier University. *Discriminal distance analysis of many-to-one matching with temporal and spatial samples.*
- P. Urcuioli, Purdue University. *Some "unexpected" effects of differential outcome expectancies.*

**March 25, 1995, Saturday afternoon 4:00 PM - 7:30 PM**

### Social Learning

- T. Zentall, J. Sutton & L. Sherburne, University of Kentucky. *Social learning in animals: Definitions methodology and mechanisms*
- B. Moore, Dalhousie University. *The evolution of imitative learning.*

### Concepts, Memory, and Decision Processes

- M. Rilling, Michigan State University. *The folly of literal metaphors: The rise and fall of James McConnell's memory transfer paradigm.*
- M. Bouton, University of Vermont. *Animal cognition in animal conditioning.*
- D. Blough, Brown University. *Error factors in pigeon discrimination and memory.*
- E. Fantino, University of California, San Diego. *Adventures in decision-making.*
- E. Wasserman, University of Iowa. *Peristeronic cognition: Basic, superordinate, and abstract concepts in pigeons.*

**Reception, 10:00 PM - 1:00 AM.**

**March 26, 1995, Sunday morning, 9:00 AM - 12:10 noon. Time, Space, and Serial Order**

- R. Miller, R. Cole & J. Denniston, SUNY-Binghamton. *The temporal coding hypothesis.*
- R. Church, H. Broadbent, Y. Mausik, & J. Crystal, Brown University. *Multiple-oscillator models of timing.*
- D. Wilkie, University of British Columbia. *Time-place learning: Data and theory.*
- S. Fountain, Kent State University, J. Rowan, Wesleyan College & S. Krauchunas, Kent State University. *Serial pattern learning in rodents: Are mice "little rats"?*
- J. Cohen, University of Windsor, R. Bradley, University of Windsor, S. Pardy, University of Windsor, & C. Quaglai, Wayne State University. *Effects of food preference on rats' performance in the radial maze: Patches vs. "chunks".*
- D. MacEwen, Mary Washington College. *Sex differences in cognitive maps?*

### Observer/Discussants

- S. Chase, City University of New York.
  - A. Droungas, University of Pennsylvania.
  - G. Fetterman, Indiana & Purdue Universities-Indianapolis.
  - T. Gentner, Johns Hopkins University.
  - E. Heinemann, Hunter College-CUNY.
  - M. Njegovan, Queen's University.
  - N. Spear, SUNY-Binghamton.
  - F. Stollnitz, National Science Foundation.
  - C. Sturdy, Queen's University.
  - J. Rowan, Wesleyan College.
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