

# International Conference on Comparative Cognition

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## Conference on Comparative Cognition

March 17 to March 20, 1994

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### Program

All meetings and receptions held at the Melbourne Oceanfront Holiday Inn.

#### Thursday, March 17, 1994

- 5-6pm, Welcome after check-in

#### 8-9 pm, 5-min talks , Data Blitz, Chair: Ed Wasserman

- Mark Bouton & James Nelson. *Effect of Context on Inhibition Arising From Serial and Simultaneous Feature-Negative Discriminations.*
- Robert G. Cook. *Dynamic form perception.*
- Suzanne MacDonald. *Do marmoset monkeys minimize time or distance travelled while foraging?*
- Mark Rilling & Mark Warner. *Directing the pigeon's spatial attention across contours.*
- Janice N. Steirn & Janice E. Weaver. *Common coding through nonhedonic differential outcomes.*
- Jerry Cohen & Janet Murray. *Can rats chunk in the radial arm maze?*
- Robert Batsell. *US Preexposure and retention of taste aversions.*
- Robert C. Bolles & Michael E. Wilson. *Discrimination learning with delayed reinforcement.*
- Chana Akins & Michael Domjan. *Topographical changes in sexually conditioned behavior as a function of the CS-US interval.*

#### 9:00-10:00 pm, 30-min talks, Theory of Instrumental Learning, Chair: Ron Weisman

- A. Dickinson. *Actions and habits: variations in the motivational control of instrumental performance with extended training.*
- B. Balleine. *Mechanisms of incentive learning in instrumental outcome devaluation.*

#### Friday, March 18, 1994

#### 4:00-6:00 pm, 30-min talks, Temporal and Spatial Cognition, Chair: Ron Weisman

- Paula Durlach. *How do rats tell time?*
- Gregor Fetterman, Leon Dreyfus. *The perception of temporal relations by pigeons and people*
- Marcia L. Spetch. *Characteristics of spatial landmark learning*
- Bill Roberts, Todd Macuda. *Hierarchical organization and chunking in rat spatial memory.*

#### 8:00-10:00 pm, 30-min talks, Associative learning I, Chair: Mark Bouton

- John Pearce, A. Aydin. *Similarity and discrimination learning*
- Andy Baker. *Superconditioning, or perhaps it's contrast, in contingency judgements.*
- Charles Flaherty, Cynthia Coppotelli & Colin Mitchell. *Selective Associations in Anticipatory Contrast?*
- R.A. Boakes. *Contextual factors in food aversion learning*

#### Saturday, March 20, 1994

#### 4:30-6:00 pm, 30-min talks, Associative learning II, Chair: Mark Bouton

- Ralph R. Miller, R. Cole & R. Barnet. *Conditioned inhibition revisited*

- Geoffrey Hall. *Mechanisms of perceptual learning*.
- Wayne Ludvigson. *Now that S-R psychology is back, what have we learned?*

**7:30-9:30 pm, 30-min talks, Classification of exemplars, Chair: Ed Wasserman**

- N.J. Mackintosh, C.H. Bennet, M.R.F. Aitken, S. Wills, & A. Maldonado. *Peak shift and prototypes in categorization*.
- Ron Weisman, M. Negovan, S. Ito, & D. Mewhort. *Neural network models for the categorization of pitches*.
- Shelia Chase & Eric G. Heinemann. *An exemplar theory of pattern recognition*.

**9:30-10:00 pm, 30-min talk, Survival of the discipline, Chair: Ron Weisman**

- Edward Wasserman. *Strategies for re-vitalizing the field of comparative cognition*

**10:00 pm - 1:00 am. Party time**

**Sunday, March 21, 1994**

**9:00-10:00 am, 30-min talks, Comparative Cognition, Chair: Marcia Spetch**

- Sarah T. Boysen. *Porkbelly cognition: New investments toward a comparative perspective*.

**10:10-12:10 noon. Coding Processes, Chair: Marcia Spetch**

- Thomas R. Zentall, Lou M. Sherburne & Karen L. Roper. *The problem of 'instructions' in animal memory research*.
  - Stephen B. Fountain & James D. Rowan. *Coding of hierarchical organization in rat and human serial-pattern learning*.
  - Karyl B. Swartz, Sharon A. Himmanen & H.S. Terrace. *Strategies for learning and executing lists by list-sophisticated monkeys*.
  - David MacEwen. *Coding strategy depends on retention interval: Utilization of dual coding strategies with compound stimuli*.
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