

International Conference on Comparative Cognition

The International Conference on Comparative Cognition

March 14 to March 16, 1996

Program

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

Thursday, March 14, 1996, 4:30-6:00 PM

- Welcome reception

Thursday, March 14, 1996, 7:30-10:00 PM

Auditory Perception (5-min talks) 7:30-7:50 PM

- Jose Bentes, Duke University. *Naming and equivalence in the budgerigar.*
- James Coyle, Wilfrid Laurier University, M. Njegovan, R. Weisman, Queen's University. *Classification of frequencies into ranges by white-throated sparrows.*
- Mitch Njegovan, L. Phillmore, C. Sturdy, R. Weisman, Queen's University. *Multiple frequency range discrimination in song birds, nonsongbirds, and humans.*
- 5-min Discussion

Space (5-min talks) 7:50-8:20 PM

- Marcia Spetch, B. Linkenhoker, D. Kelly, S. Doerkson, University of Alberta, K. Cheng, Macquarie University, S. MacDonald, York University. *Use of landmark configurations by pigeons and people.*
- Suzanne MacDonald, S. Gibeault, York University. *Social aspects of gorillas' spatial memory in a foraging task.*
- Stephanie Gibeault, S. MacDonald, York University. *Female gorillas' spatial memory in a foraging task: the role of estrogen.*
- John Pearce, Wales University. *Cue interaction in spatial learning.*
- Leslie Brownlie, D. Sherry, University of Western Ontario. *Memory deficits associated with hippocampal lesions in a species of food-storing bird.*
- 5-min Discussion

Context (5-min talks) 8:20-8:45 PM

- James Denniston, L. Gunther, R. Miller, SUNY-Binghamton. *Generalized extinction as result of extinction in multiple contexts.*
- Lisa Gunther, B. Friedman, R. Miller, SUNY-Binghamton. *Generalized excitation as a result of training and extinction in multiple contexts.*
- Juan Rosas-Santos, University of Vermont, G. Alonso-Martinez, Universidad del Pais Vasco (Spain). *Context switch and retention interval effects on inhibition of delay.*
- Mark Bouton, J. Rosas, University of Vermont. *Interactions between context switch and retention interval effects.*
- 5-min Discussion

Stimulus Control (5-min talks) 8:45-9:15 PM

- Andy Delamater, W. Sosa, Brooklyn College-CUNY. *Effects of reinforced vs nonreinforced pretraining on patterning discriminations.*
- Geoff Hall, J. Ward-Robinson, York University. *Backward sensory preconditioning.*
- Marc Branch, D. Walker, University of Florida. *An attempt to replicate Hearst, Koresko, and Poppen (1964).*

- Aaron Blaisdell, R. Miller, SUNY-Binghamton. *Unblocking with qualitative change of aversive US.*
- Murray Goddard, University of New Brunswick. *US - no US associations in conditioning and occasion setting.*
- 5-min Discussion

Emotion/Motivation (5-min talks) 9:15-9:45 PM

- Robert Brush, C. Gendman, Purdue University. *Effects of extended training and acute administration of an anxiolytic in rats of the Syracuse strains.*
- Jon Williams, S. Baker, Kenyon College, J. Gress, Denison University. *Cat stressor impairs working memory in three-month and twenty-month old rats.*
- Charles Flaherty, C. Mitchell, Rutgers University. *Morphine-induced conditioned suppression - anticipatory contrast?*
- Ron Mehiel, Shippensburg University. *The flavor preference ratio: something strange.*
- John Staddon, Duke University. *Why feeding and foraging aren't so smart after all.*
- 5-min Discussion

Sowbugs and Selling Science (5-min talks) 9:45-10:00

- Nancy Innis, A. Sinclair, R. Valuri, University of Western Ontario. *A simulated sowbug?*
- Sally Boysen, Ohio State University. *S3: Selling Science to Society.*
- 5-min Discussion

Friday, March 15, 1996, 3:55-8:00 PM

Timing (5-min talks) 3:55-4:20 PM

- Don Wilkie, J. Carr, University of British Columbia. *Levels of timing.*
- Jason Carr, D. Wilkie, University of British Columbia. *Ordinal timing in the rat.*
- Jennifer Higa, Duke University. *Fast-acting time discrimination in rats.*
- Lianne Stanford, A. Santi, Wilfrid Laurier University. *A specific dopaminergic manipulation of the internal clock.*
- 5-min Discussion

Time, Space, and Number (25-min talks) 4:20-5:50 PM

- Russell Church, Brown University, H. Broadbent, Oxford University. *Temporal search.*
- Alliston Reid, Eastern Oregon State College, J. Staddon, Duke University. *A blind reader for the cognitive map.*
- Bill Roberts, A. Olthof, C. Iden, C. Ho, University of Western Ontario. *Numerical competence in squirrel monkeys.*
- Sara Shettleworth, University of Toronto, *Chickadees and juncos use different kinds of memory to match with multiple sample*

10 min Snack Break

Perception and Memory (25-min talks) 6:00-8:00 PM

- Kim Kirkpatrick-Steger, E. Wasserman, University of Iowa. *Picture perception in pigeons.*
- Jerry Cohen, P. Mirkovic, K. Gene, University of Windsor. *Proactive and retroactive interference in rats' performance on a spatial and an object recognition task.*
- Ron Weisman, Queen's University. *Neural net models: a tutorial.*
- Herb Terrace, Columbia University, K. Swartz, Lehman College/CUNY, S. Chen, V. Jaswal, L. Brannon, Columbia University. *How big is a chunk? Ask a monkey.*

Saturday, March 16, 1996 3:30-7:10 PM

Evolution and Comparative Cognition (25-min talks) 3:30-5:30 PM

- Jennifer Mather, University of Lethbridge. *Octopus Cognition: background for an intelligent invertebrate.*
- Michael Brown, Villanova University. *Spatial working memory in bees.*
- Kazuchika Manabe, R. Dooling, University of Maryland. *Vocal learning in budgerigars.*
- Bruce Moore, Dalhousie University. *The evolution of learning.*

10-min Snack Break

Associative Learning (25-min talks) 5:40-7:10 PM

- Ralph Miller, SUNY-Binghamton, P.Oberling, University Louis Pasteur (France), L. Gunther, SUNY-Binghamton. *Latent Inhibition and overshadowing of occasion setting.*
- Andy Baker, McGill University. *Cognitive and associative models of human causal judgement: a behaviorist in Wonderland.*
- Tom Zentall, University of Kentucky. *Value transfer: Pavlovian processes in the acquisition of simple simultaneous discriminations.*

Saturday, March 16, 1996 10:00 PM - 1 AM

- Party in the Penthouse

Observers/Discussants

- Sheila Chase, Hunter College/CUNY.
- Don Dewsbury, University of Florida.
- David Hogan, Northern Kentucky University
- Anneke Olthof, University of Western Ontario.
- Leslie Phillmore, Queen's University
- Fred Stollnitz, National Science Foundation.
- Chris Sturdy, Queen's University.
- Karyl Swartz, Lehman College/CUNY

51 participants
