Proceedings

Sunday, January 29: 5:00 - 5:30 pm **Reception**

Sunday, January 29: 5:30 - 8:00 pm **Sunday Night Miscellany**
Beau Watson, *NASA Ames Research Center.* Video acuity: A metric to quantify the effective performance of video systems.

Monday, January 30: 4:00 – 8:00 pm **Visual Neuroscience** (Organizer: Bill Geisler)
Farran Briggs, *Dartmouth Medical School.* Synaptic and circuit mechanisms for spatial attentional modulation.
Alex Huk, *U. Texas, Austin.* Encoding and decoding of signals for perceptual decisions in posterior parietal cortex.
Adam Kohn, *Albert Einstein College of Medicine.* Adaptation in the prime-motor processing stream.

Tuesday, January 31: 4:00 – 8:00 pm **Higher-Level Vision I** (Organizer: Zygmunt Pizlo)
Zygmunt Pizlo, *Purdue U.* Definition of shape.
Larry Cormack, *U. Texas, Austin.* The binocular processing of three-dimensional motion.

Wednesday, February 1: 4:00 – 8:00 pm **Higher-Level Vision II**
Cory Miller, *UCSD.* Responses of marmoset prefrontal cortex neurons during natural vocal communication.
Nicholas Port, *Indiana U.* The development of microsaccades from toddling to retiring.
Ben Backus, *SUNY.* Motion from structure.
Deyue Yu, *Ohio State U.* Crowding in peripheral reading.
Bosco Tjan, *USC.* Object identification in the periphery -- a case of mistaken priors.

Thursday, February 2: 4:00 – 8:00 pm **Cognition**
Roger Ratcliff and Gail McKoon, *Ohio State U.* Diffusion decision model assumptions and using the model to map stimulus properties.
Barbara Dosher, *UC Irvine.* Visual working memory and attention.
George Sperling, *UC Irvine.* The computational architecture of visual selective attention: A review.

**Brief Business Meeting**

Friday, February 3: 4:00 – 8:00 pm **Friday Miscellany**
Justin Halberda, *Johns Hopkins U.* An ensemble group is selected and processed as a single item.
Michael Lee, *UCI.* Two misuses of probability theory in cognitive modeling.
Holly Jimison, *OHSU.* Big data: The modeling and inference challenges of monitoring health behaviors in the home.
Patricia Cheng, *UCLA.* A causal explanation of functional basic-level categories.


** 8:20pm Banquet **

Tom Busey, *Indiana U.*
Jonye Feldman, *Los Angeles*
Eric Mais, *U. Hawaii*
Bennet Murdock, *U. Toronto*

Katherine Phelps, *U. Colorado, Boulder*
Keith Schneider, *York U.*
Laurie Wilcox, *York U.*