Sunday, 5-8pm – James Elder (Organizer and Chair)

5:30 Curtis Baker, McGill U. Neural mechanism for multiplexed detection of texture and luminance boundaries in the visual cortex.
6:45 Break.
7:10 Thomas Serre, Brown U. A systematic comparison between visual cues for boundary detection.
7:35 James Elder, York U. Discriminating depth edges.

Monday, 4-8pm – Larry Cormack (Organizer and Chair)

5:45 Alan Stocker, U. Penn. On the lawful relation between discrimination threshold and perceptual bias.
6:10 Break.
7:10 George Sperling, UC Irvine. The perceived motion direction of equal-spatial-frequency plaid stimuli.
7:35 Larry Cormack, U. Texas, Austin. An infomercial for tracking tasks (in the spirit of George’s infomercial on attentional filters).

Tuesday, 4-8pm – Sereno Symposium: The landscape of human cognition – a single family’s Perspective – Zyg Pizlo (Organizer and Chair)

5:00 Anne Sereno, U. Texas, Houston. Cognition: from single cells to the clinic.
5:30 Margaret Sereno, U. Oregon. Neural encoding of scene complexity.
6:00 Break.
7:00 Paul Sereno, U. Chicago. Parallel paths to bipedalism, tool-making, dense brains, and complex phonic signaling and learning.
7:30 Martin Sereno, San Diego State U. DNA and language: the origin of symbol-using systems.

Banquet – Forest Room – 8:30pm – 11:00pm
Wednesday, 4-8pm – Jeffrey Mulligan (Chair)

5:00  Vincent A. Billock, *Ohio State U.*  Not just for binding anymore: using coupled neural oscillators for maximum selection, winner-take-all sensory calculations, and cortical hue opponency modeling.
5:30  Keith Schneider, *U. Delaware.*  Imaging the human thalamic reticular nucleus.
6:00  **Break.**
7:00  Joachim Vandekerckhove, *UC Irvine.*  Mitigation of publication bias with behavioral process models.
7:30  Irmina Gradus-Pizlo, *IU School of Medicine.*  Development of screening echocardiogram for detection of asymptomatic left ventricular dysfunction based on the shortest path in a log-polar representation of images.

Thursday, 4-8pm – George Sperling (Chair)

4:30  T. Rowan Candy, *Indiana U.*  Binocular function and eye alignment during infancy and early childhood.
5:45  Business meeting.
6:10  **Break.**
6:45  Jeff Mulligan, *NASA.*  Color algebras.
7:10  Steven Shevell, *U. Chicago.*  Perceptual Resolution of Color from Ambiguous Neural Representations.

Friday, 4-8pm – Symposium in memory of Bosco Tjan – Zhong-Lin Lu (Organizer and Chair)

5:00  Xiaoping Hu, *UC Riverside.*  Alterations of resting-state brain states in Parkinson's disease.
6:00  **Break.**
7:00  Aaron Seitz, *UC Riverside.*  Training effective use of peripheral vision in Macular Degeneration.
7:30  Ben Backus, *SUNY.*  Use of response time to demonstrate fast use of disparity for depth perception.