45th Annual Interdisciplinary Conference
Teton Room, Teton Mountain Lodge
Teton Village, WY

Friday, Feb 7.

4:00 Reception.

5:00 James Elder (York U.) 3D shape from bounding contour.
5:30 Natalie A. Kacinik (Brooklyn College) Size is NOT embodied! Even when tested with an explicit sensorimotor task or more salient manipulation.

6:00 Coffee Break.

7:00 Adina Roskies (Dartmouth College) Measuring agency.
7:30 Michael Landy (NYU) The effect of joint attention on visual-tactile integration and recalibration.

Saturday, Feb 8.

4:00 Session begins.

4:15 Farran Briggs (U. Rochester) Exploring attention at different neuronal scales.
4:45 Anita Disney (Duke U.) Brain states and chemical neuromodulation of cortex.

5:45 Coffee Break.

6:00 Xiaoping Hu (UC Riverside) Characterization of Age-related Microstructural Changes in Locus Coeruleus and Substantia Nigra Pars Compacta.
6:30 Shreesh Mysore (Johns Hopkins U.) Multi-holed donuts and categorical selection.
7:00 Neda Nategh (U. Utah) Neural and computational basis of visuospatial perception during saccadic eye movements.

7:30 Business meeting.

8:00 Banquet – The Inn – Restaurant.
Sunday, Feb 9.

4:00 Session begins.

4:30 Cory Miller (UCSD) Context Affects Vocal Signal Processing in Primate Prefrontal Cortex Neurons.
5:00 Susanne Ressl (Indiana U.) Secreted synaptic organizers are bridging the gap - C1QL3 orchestrate complex formation between pre- and post-synaptic receptors.
5:30 Thomas Serre (Brown U.) Disentangling neural mechanisms for perceptual grouping.

6:00 Coffee Break.

6:30 Franco Pestilli (Indiana U.) Human age is predicted by the association of multiple brain network and behavioral factors.
7:00 Joshua W Brown (Indiana U) Cognitive control from the perspective of control theory: computational modeling and fMRI.
7:30 Michael Frank (Brown U.) Spatiotemporal dynamics of corticostriatal dopamine in learning and decision making.

Monday, Feb 10.

4:00 Session begins.

4:15 George Sperling (UC Irvine) Multiple salience maps?
4:45 Megan A. K. Peters (UC Riverside) An autoencoder approach to measuring dimensionality and content of information transmission across cortical processing regions.
5:15 Justin Halberda (Johns Hopkins U.) Our Concept Of Approximate Number Cannot Be Inferred From Continuous Dimensions Such As Density, Area, and Convex Hull.

6:15 Coffee break.

7:00 Fulvio Domini (Brown U.) A deterministic approach to the problem of 3D-cue integration.
7:30 Zyg Pizlo (UC Irvine) The status of mental representations in cognitive functions.