AIC 2024 Program
Jackson, WY

Thursday January 25, 2024

Ellen Payne, Moravian U. Cold weather illnesses.
Corry Miller, UCSD. How the brain works.
Brian Garibaldi, Johns Hopkins. Racial disparities in pulse oximetry.
Michele Basso, U Wash. The role of the primate superior colliculus in perceptual decision-making.
Michaell Frank, Brown. Beyond drift diffusion: fitting a broad class of neurally informed decision making models with likelihood approximation networks.
Colin Allen, UC Santa Barbara. On the unreasonable ineffectiveness of mathematics in Psychology.

Friday Jan 26, 2024 - Organizer: Mike Landy
“Perceptual Metacognition”

Mike Landy, NYU. Two interesting effects in multisensory integration and recalibration: asymmetric likelihoods and overconfidence.
Megan Peters, UCI. How to induce — and measure — “overconfidence” in perception.
Brian Odegaard, UFL. Perceptual Decision Making Across the Visual Periphery.
Doby Rahnev, Georgia Tech. The computations underlying confidence judgments.
Chris Fetsch, Johns Hopkins. Cortical dynamics during concurrent deliberation for choice and confidence.
Keith Schneider, U Del. Decision confidence is reflected in the entropy of the psychometric Function.

Saturday Jan 27, 2024 - Organizer James Elder
“Go Configure: Puzzles of Shape Perception”

Kevin Lande, York U. The spatial unity of perception.
Tai Sing Lee, CMU. The role of sparsity in neural codes on shape representation.
James Elder, York U. Scaling perceptual curvature.
Tim Oleskiw, NYU. Neural code for natural planar shape in the ventral stream.
Peter Kohler, York U. Investigating local and configural shape processing with steady-state visual evoked potentials.
MaryAnn Martone, UCSD. An international ecosystem for open neuroscience
David Kennedy, U Mass. The consequences of Small Data and Bad Behavior and What to do about it.
Alejandro De La Vega, UT Austin. Expert-driven tools for automated synthesis of the neuroimaging literature.
Franco Pestilli, UT Austin. Center for Meso-Scale Connectivity.
Xiaoping Hu, UC Riverside. Locus Coeruleus Integrity and Cognition in Aging.
Stefan Posse, U New Mexico. Towards Mapping Resting-State Connectome Dynamics in Real-Time – from Neuroscience Discovery to Clinical Applications.
Todd Constable, Yale. Insights into both Brain and Behavior through construct isolated brain-behavior Models.

Pizza Banquet.

Monday Jan 29 2024

Josh Brown, IU. Monkey prefrontal cortex learns to minimize sequence prediction error.
Matt Chafee, U of MN. Synaptic mechanisms of cognitive control in prefrontal cortical networks.
David Crowe, Augsburg College. Drift diffusion modeling of behavior in an animal model of schizophrenia.
Nicholas Port, IU. Optimizing use of the use of the SCAT symptom checklist.
Zyg Pizlo, UCI. How different is Artificial Intelligence from Human Intelligence?