PNI SFN Research Day
October 11, 2019

Talks
10:00 am - 11:30 am

Talmo Pereira*, Shruthi Ravindranath, Joshua Shaevitz & Mala Murthy
Multi-animal pose estimation using deep neural networks for social behaviors

Meir Meshulam*, Liat Hasenfratz, Hanna Hillman, Yun-Fei Liu, Mai Nguyen, Ken Norman & Uri Hasson
Think like an expert: Neural alignment predicts student performance in an introduction to computer science course

Marius Cătălin Iordan*, Tyler Giallanza, Cameron T. Ellis, Daniel N. Osherson & Jonathan D. Cohen
Uncovering the Neural Underpinnings of Semantic Similarity Judgments

Thomas Zhihao Luo*, Adrian G. Bondy & Carlos D. Brody
Chronic recording using Neuropixels probes in freely moving rats accumulating auditory evidence

Camden J. MacDowell* & Timothy J. Buschman
Low-Dimensional Spatio-Temporal Dynamics Underlie Cortex-Wide Neural Activity

Lili X. Cai*, Katherine Pizano, Gregory W. Gundersen, Cameron Hayes, Weston T. Fleming, Sebastiaan Holt & Ilana B. Witten
VTA dopamine signals aside from reward prediction error can modulate fear extinction

Posters
11:30 am - 1:00 pm

Camden J. MacDowell* & Timothy J. Buschman
Low-Dimensional Spatio-Temporal Dynamics Underlie Cortex-Wide Neural Activity

Marino Pagan*, Vincent Tang, Mikio Aoi & Carlos Brody
Representations and causal contributions of frontal brain regions during context-dependent accumulation of evidence

Christos M. Suriano*, Jessica L. Verpeut & Lisa M. Boulanger
Adeno-associated virus (AAV) persistently alters cortical expression of immune genes that can regulate circuit structure and function

* Denotes presenting author