## MIDOLE EASTERN YSTEMS NEUROSCIENCE SYMPOSIUM

NOVEMBER 14

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SAN DIEGO

9:00 Registration and light breakfast 9:30 Opening remarks Keynote - Nachum Ulanovskiy: Neural codes for 9:40 natural behaviors in bats 10:30 Ahmed El Hady: What are foraging models good for? Coffee break 11:00 Keynote - Athena Akrami: Cross-species study of 11:30 statistical learning – from behavior to mechanism Farzaneh Najafi: Interval timing signaling, not temporal 12:20 predictive processing, shapes cell-type-specific dynamics in PPC and V1 Gal Atlan: The middle between east and west: a mammalian 12:50 circuit for using visual feedback to walk straight 13:00 Lunch! **Tahra Eissa:** Asymmetries in multi-timescale inference 14:30 processes Khaled Moussawi: Generalized cue reactivity in dopamine 15:00 neurons after opioids **Shai Berman:** Sweet memories: neural representation 15:30 of taste-memories 15:40 Data blitz 16:00 Coffee break Nima Dehghani: Dichotomous dynamics of hippocampal and 16:30 lateral septum oscillations: state-dependent topology and directional causality during Sleep and wakefulness Lilach Avitan: Brain-wide neural signatures of social 16:55 approach behavior Shiva Azizpour Lindi: A combination of plasticity rules 17:25 underlies learning of goal-directed behavior Keynote - Reza Shadmehr: Neurons playing tug-of-17:35 war in the cerebellum Closing remarks 18:05 19:00 Cocktails and Dinner