

Chen Institute Retreat 2018 Speakers and Talk Titles

Ralph Adolphs	<i>Using Reinforcement-Learning as a Window into Between-Subject Variability in the Neural Computations Underlying Psychiatric Dysfunction</i>
Richard Andersen	<i>Brain Machine Interfaces</i>
Joel Burdick	<i>Joint Cortical and Spinal Plasticity During Spinally Stimulated Recovery of Voluntary Control in Severe SCI</i>
Colin Camerer	<i>Computational Decision Neuroscience in Artificial Financial Trading</i>
Frederick Eberhardt	<i>Causal Discovery Algorithms for Neuroimaging Data</i>
Azita Emami	<i>On-Chip Machine Learning Algorithms For Closed-Loop Brain-Machine Interfaces</i>
Viviana Gradinaru	<i>Gene Delivery Across the Blood-Brain-Barrier, Tissue Clearing and Optogenetics to Understand and Influence Physiology and Behavior</i>
Linda Hsieh-Wilson	<i>Deciphering the Functions of O-GlcNAc Glycosylation in the Brain</i>
Ann Kennedy	<i>Hypothalamic Representations of Internal State and Behavior</i>
Carlos Lois	<i>Information Flow Through Brain Circuits</i>
Henry Lester	<i>Measuring Brain and Interstitial Nicotine with Wireless Sensors</i>
Markus Meister	<i>Electrode Pooling: A New Approach to Acquisition of Neural Recordings</i>
Dean Mobbs	<i>Ethological Approaches to the Study of Fear</i>
Yuki Oka	<i>Mapping the neural circuit governing thirst</i>
Lior Pachter	<i>Tensor-Based Modeling of Nervous System Development Using Multiplexed Single-Cell RNA-Sequencing</i>
Joe Parker	<i>Neural Architecture of Symbioses</i>
David Prober	<i>Evolutionarily Conserved Regulation of Sleep</i>
Michael Roukes	<i>Next-Gen Neurotech</i>
Matt Thomson	<i>Molecular basis for the Antidepressant effects of Ketamine</i>
Doris Tsao	<i>The Neural Code for Visual Objects</i>
Daw-An Wu	<i>Human Intention and Agency: A Neuroscience and Philosophy Collaboration</i>
Yisong Yue	<i>Machine Learning Research Vignettes</i>