

JSNC 2018	Program	
Time		Title
7:30-8:50am	Registration and Breakfast	
8:50-9:00am	Thanos Siapas, Caltech	Opening Remarks
9:00-9:30am	Pietro Perona, Caltech	The seven virtues and one sin of deep learning in neuroscience
9:30-10:00	Fei Sha, USC	"Neurally" Understanding Images and Texts: Are We There Yet?
10:00-10:30	Todd Hylton, UCSD	Saccadic Predictive Vision Model with a Fovea
10:30-10:45	Break	
10:45-11:30	Mike Davies, Intel	Keynote: Novel neural computation using Loihi
11:30-14:00	Lunch / Posters	
14:00-14:30	Sara Mednick, UCI	Central and Autonomic Nervous System contributions to sleep-dependent memory consolidation
14:30-15:00	Praveen Pilly, HRL	Waking tagging and sleep cueing of episodic memories in virtual reality using non-invasive electrical stimulation
15:00-15:30	Jonathan Kao, UCLA	Neural dynamics in motor cortex and their applications to brain-machine interfaces
15:30-15:45	Break	
15:45-16:15	Andrew Hires, USC	Cortical circuit computations underlying tactile object localization in mice
16:15-16:45	Shrek Chalasani, Salk	Sonogenetics for non-invasive activation of neurons
16:45-17:15	Peyman Golshani, UCLA	New tools to image network dynamics in health and neurological disease
17:15-17:30	Terry Sejnowski, UCSD	Closing Remarks