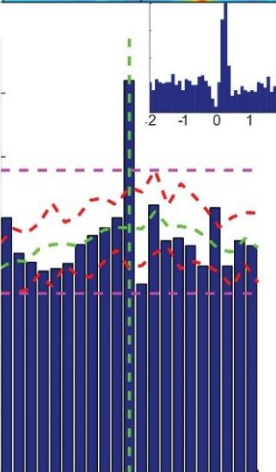
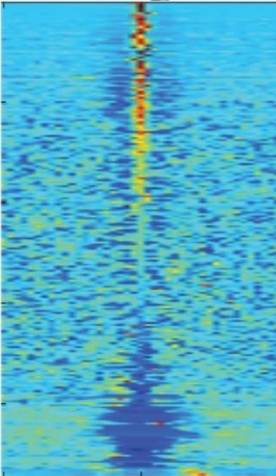
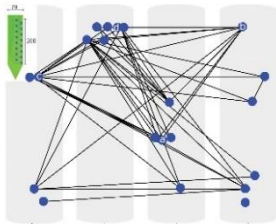


Computational & Systems Neuroscience Symposium



Computational and Systems Neuroscience: *from theory to clinical applications*

Date: April 27th 2018 8:45 am to 4:00 pm

Location: IUPUI, Library Building, Lilly Auditorium

- 8:45 Opening remarks
- 9:00 [Keynote](#): Olaf Sporns (IUB), Network Neuroscience
- 9:50 Break
- 10:00 Joaquín Goñi (PU), The quest for identifiability in human functional connectomes
- 10:25 Leslie M. Kay (U Chicago), Tracking cognitive modes using dynamical state switches in the mammalian olfactory system
- 10:50 John Beggs (IUB), What is criticality, and why might it matter for brain health?
- 11:15 Leonid Rubchinsky (IUPUI), Dynamics of intermittent neural synchronization: observations, mechanisms, and functions
- 11:40 Lunch and poster session
- 1:30 [Keynote](#): Mikhail Rabinovich (UCSD), Sequential information coding in the brain: binding, chunking and episodic memory dynamics
- 2:20 Break
- 2:30 Robert Rosenbaum (Notre Dame), A reservoir computing model of motor learning with parallel cortical and basal ganglia pathways
- 2:55 Christopher Lapish (IUPUI), Intention signals in prefrontal cortex and compulsive drinking
- 3:20 Alexey Kuznetsov (IUPUI), Circuit-level mechanisms of alcohol influence on dopamine system
- 3:45 Closing remarks

* Courtesy of Ekaterina Morozova