

## Cosyne Workshops 2018

### Closed-loop control of neural systems and circuits for scientific discovery

Beaver Run Resort, Breckenridge, CO – Tuesday March 6, 2018

Organizers: Chris Rozell, Garrett Stanley

#### Speakers

Hillel Adesnik (Berkeley)

Dani Bassett (UPenn)

ShiNung Ching (WashU)

Chethan Pandarinath (GT/Emory)

Jeanne Paz (UCSF)

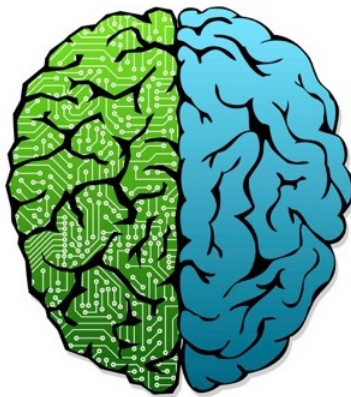
Memming Park (SUNY)

Chris Rozell (GT)

Sridevi Sarma (JHU)

Maryam Shanechi (USC)

Garrett Stanley (GT)



See [www.cosyne.org](http://www.cosyne.org) for more information

Sponsored by the Georgia Tech Neural Engineering Center, IEEE Brain, and the NIH BRAIN Initiative Program

***A limited number of student travel reimbursement awards will be available through support of IEEE Brain (please contact [crozell@gatech.edu](mailto:crozell@gatech.edu) by 2/23 to apply)***

Leaders from the NIH BRAIN Initiative and IEEE Brain will present a brief kick-off of the workshop, and will participate in discussions to both inform the community of BRAIN interests and to better understand the needs of the research community.

The mission of IEEE Brain is to facilitate cross-disciplinary collaboration and coordination to advance research, standardization and development of technologies in neuroscience to help improve the human condition.

The NIH BRAIN Initiative is focused on revolutionizing our understanding of the central nervous system at the level of circuits and ensembles of cells. By accelerating the development and application of innovative technologies and by supporting investigative neuroscience that emphasizes the use of cutting-edge methods of activation and recording to understand the behavior of circuits at cellular and sub-second levels of spatial and temporal resolution, researchers will be able to produce a dynamic picture of the brain that will show how individual cells and complex neural circuits support processes such as sensation, perception, attention, reasoning, intention, decision-making, emotion, navigation, communication, and homeostasis. Many of the speakers and participants of this workshop are involved with BRAIN awards.

