

**National Institutes of Health  
Advisory Committee to the Director (ACD) Brain Research through Advancing  
Innovative Neurotechnologies® (BRAIN) Initiative Working Group 2.0  
Workshop #3**

**General Session Agenda – October 4, 2018, 8:00 AM – 1:30 PM (CDT)**

Location: Baylor College of Medicine

Alkek N315, One Baylor Plaza, Houston, Texas

Videocast link: <https://videocast.nih.gov/live.asp?live=28478>

**8:00 AM**      **Opening Remarks**  
Walter Koroshetz, M.D.  
*Director, National Institute of Neurological Disorders and Stroke*

Catherine Dulac, Ph.D., and John Maunsell, Ph.D.  
*Co-Chairs, ACD BRAIN Initiative Working Group 2.0*

**Invited Presentations – From Experiments to Theory and Back**  
***What is the state of the science?***

**8:15 AM**      **Session 1: Theory – Building Understanding of Brain Function**  
**Chair: Adrienne Fairhall, Ph.D.**

8:15 AM      Surya Ganguli, Ph.D.  
*Assistant Professor of Applied Physics*  
*Stanford University*

8:30 AM      Brent Doiron, Ph.D.  
*Professor of Mathematics*  
*University of Pittsburgh*

8:45 AM      Stephanie Jones, Ph.D.  
*Associate Professor of Neuroscience*  
*Brown University*

9:00 AM      Tatiana Engel, Ph.D.  
*Assistant Professor, Swartz Center for Computational Neuroscience*  
*Cold Spring Harbor Laboratory*

9:15 AM      David Sussillo, Ph.D.  
*Research Scientist, Google Brain Group*  
*Adjunct Professor of Electrical Engineering, Stanford University*

9:30 AM      Panelist Discussion with WG & Public Comment

**10:00 AM**      **BREAK**

**10:20 AM**      **Session 2: Data Tools and Management**  
**Chair: Anne Churchland, Ph.D.**

- 10:20 AM      Dimitri Yatsenko, Ph.D.  
*Research Scientist, Baylor College of Medicine*  
*President, Vathes LLC*
- 10:35 AM      Lydia Ng, Ph.D.  
*Senior Director, Technology*  
*Allen Institute for Brain Science*
- 10:50 AM      Ariel Rokem, Ph.D.  
*Senior Data Scientist*  
*University of Washington eScience Institute*
- 11:05 AM      Daniel Marcus, Ph.D.  
*Director, Neuroimaging Informatics and Analysis Center*  
*Washington University School of Medicine in St. Louis*
- 11:20 AM      Panelist Discussion with WG & Public Comment

**11:50 AM**      **BREAK**

**12:10 PM**      **Session 3: Team Science versus Individual Labs**  
**Chair: David Anderson, Ph.D.**

- 12:10 PM      Alexandre Pouget, Ph.D.  
*Professor, Neuroscience Center*  
*University of Geneva*
- 12:25 PM      Andreas Tolias, Ph.D.  
*Associate Professor of Neuroscience*  
*Baylor College of Medicine*
- 12:40 PM      Hongkui Zeng, Ph.D.  
*Executive Director, Structured Science*  
*Allen Institute for Brain Science*
- 12:55 PM      Panelist Discussion with WG & Public Comment

**1:25 PM**      **Concluding Remarks and Open Session Adjournment**  
Catherine Dulac, Ph.D., and John Maunsell, Ph.D.  
*Co-Chairs, ACD BRAIN Initiative Working Group 2.0*