

**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