

## Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Working Group

### OPEN SESSION AGENDA — AUGUST 29, 2013; 8:30–12:30 (CDT)

Location: University of Minnesota, Center for Magnetic Resonance Research; Minneapolis, MN  
Dial In: 1-888-566-6511; Passcode: BRAIN

**8:30 AM**      **Introductions and Opening Remarks**  
Cori Bargmann, PhD, and Bill Newsome, PhD  
*Co-chairs, ACD BRAIN Working Group*

#### INVITED PRESENTATIONS – WHAT IS THE STATE OF THE SCIENCE?

##### *HUMAN NEUROSCIENCE*

**8:40 AM**      **Assessing Circuit Function**

8:40 AM      Sydney Cash, MD, PhD  
*Associate Professor of Neurology, Harvard University*

8:55 AM      Brian Litt, MD  
*Professor of Neurology, University of Pennsylvania*

9:10 AM      Nicholas Schiff, MD  
*Director of the Laboratory of Cognitive Neuromodulation, Cornell University*

**9:25 AM**      **Manipulating Circuit Activity**

9:25 AM      Helen Mayberg, MD  
*Professor of Psychiatry, Neurology, and Radiology, and Dorothy C Fuqua Chair of Psychiatry Neuroimaging and Therapeutics, Emory University*

9:40 AM      Alvaro Pascual-Leone, MD, PhD  
*Professor of Neurology and Director of the Berenson-Allen Center for Noninvasive Brain Stimulation, Harvard University*

9:55 AM      Krystof Bankiewicz, MD, PhD  
*Professor of Neurosurgery and Neurology and Kinetics Foundation Chair in Translation Research, University of California, San Francisco*

**10:10 AM**      **Break**

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### INVITED PRESENTATIONS – WHAT IS THE STATE OF THE SCIENCE?

#### *HUMAN NEUROSCIENCE*

#### **10:25 AM    Developing and Commercializing Human Devices**

10:25 AM    Timothy Denison, PhD  
*Director of Core Technology and Technical Fellow, Medtronic  
Neuromodulation*

10:40 AM    John Donoghue, PhD  
*Professor of Neuroscience, Brown University*

#### **10:55 AM    Merging Structure and Function**

10:55 AM    David Van Essen, PhD  
*Professor of Anatomy and Neurobiology, Washington University*

11:10 AM    Bruce Rosen, MD, PhD  
*Professor in Radiology, Harvard Medical School, and Director of the  
Athinoula A Martinos Center for Biomedical Imaging, Massachusetts  
General Hospital*

11:25 AM    Doris Tsao, PhD  
*Assistant Professor of Biology and Computation and Neural Systems,  
California Institute of Technology*

11:40 AM    Stephen Smith, PhD  
*Associate Director of the Centre for Functional MRI of the Brain and  
Professor of Biomedical Engineering, University of Oxford.*

11:55 AM    Rainer Goebel, PhD  
*Professor of Cognitive Science, Maastricht University*

#### **12:10 PM    Public Comments**

#### **12:30 PM    Concluding Remarks and Open Session Adjournment**

Cori Bargmann, PhD, and Bill Newsome, PhD  
*Co-chairs, ACD BRAIN Working Group*