WAITT ADVANCED BIOPHOTONICS CENTER

FOURTH ANNUAL SYMPOSIUM

UNTANGLING THE BRAIN

PROGRAM — Friday, May 6, 2016

Time	
8:00 am	BREAKFAST AND REGISTRATION (Foyer)
9:00 am	Welcome: **Martin Hetzer** Faculty Director, WABC

SESSION I — Chair: Martin Hetzer, Faculty Director, WABC
Location: Conrad T. Prebys Auditorium

Time	
9:15 am	**Phillipp Keller** HHMI, Janelia Research Campus *Whole Animal Imaging with High Spatio-temporal Resolution*
10:00 am	**Sophie Aimon** Salk Institute *Probing Large-scale Network Dynamics at High Speed in the Brain of Behaving Flies*
10:15 am	**J. Tiago Gonçalves** Salk Institute *In vivo 2-photon Ca2+ Imaging of Multiple Hippocampal Subfields*
10:30-11:00 am	COFFEE BREAK (Foyer)
11:00 am	**David Kleinfeld** University of California, San Diego *Vasomotion as the Biophysical Basis for Resting State Functional Connectivity Across Cortex*
11:45 am	**Edward Callaway** Salk Institute *Imaging Structure and Function in the Mammalian Visual System*
12:30-2:00 pm	LUNCH, POSTER SESSION, AND VENDOR SHOW (Foyer)

SESSION II — Chair: Axel Nimmerjahn, Assistant Professor, WABC
Location: Conrad T. Prebys Auditorium

Time	
2:00 pm	**Brian Wandell** Stanford University *Computational Neuroimaging: Quantifying Brain Tissue and Modeling Activity in the Living Human Brain*
2:45 pm	**Anirvan S. Nandy** Systems Neurobiology Laboratory, Salk Institute *Optogenetically Induced Low-frequency Correlations Impair Perception*
3:00 pm	**Takeo Katsuki** Kavli Institute, University of California, San Diego *Flyception: Brain Activity Monitoring System for Freely Walking Fruit Flies*
3:15-3:45 pm	COFFEE BREAK (Foyer)
3:45 pm	**Karel Svoboda** HHMI, Janelia Research Campus *Mesoscale Imaging of Neural Coding During Behavior*
4:30 pm	**David Fitzpatrick** Max Planck Florida *Visualizing the Cellular and Synaptic Architecture for Orientation Selectivity in Visual Cortex*
5:15 pm	**Afonso Silva** NIH *Generation of Transgenic Marmosets Expressing Calcium Indicators*
5:30-7:00 pm	RECEPTION (Foyer)

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