21ST ANNUAL PHOTONICS CENTER NEUROPHOTONICS SYMPOSIUM

Time	Thursday, November 30, 2017
8:00 - 8:30	**Registration and Continental Breakfast**
8:30 - 8:35	**Gloria Waters, Ph.D., Vice President and Associate Provost for Research, Boston University,** *University Greeting*
8:35 - 8:40	**Thomas Bifano, Ph.D., Professor and Director, Boston University Photonics Center,** *Photonics Center Overview*
8:40-8:50	**David Boas, Ph.D., Professor and Director, Boston University Neurophotonics Center,** *Neurophotonics Overview*
8:50 - 9:30	**Kwanghun Chung, Ph.D., Assistant Professor, MIT,** *Towards Holistic Imaging and Phenotyping of Intact Biological Systems*
9:30-10:10	**Alipasha Vaziri, Ph.D., Associate Professor, Rockefeller University,** *Optical Tools for Unraveling Whole-brain Neuronal Circuit Dynamics Underlying Behavior*
10:10-10:30	**Coffee Break**
10:30-11:10	**Elizabeth Hillman, Ph.D., Professor, Columbia University,** *Real-time Imaging of Whole-brain Activity*
11:10-11:50	**Fritjof Helmchen, Ph.D., Professor, University of Zurich,** *Mesoscale Brain Dynamics during Tactile Discrimination Behavior*
11:50-12:30	**Na Ji, Ph.D., Janelia Group Leader, Howard Hughes Medical Institute,** *Probing Neural Circuits with Shaped Light*
12:30-2:00	**Lunch, Research Poster Session and Neurophotonics Center Tours**
2:00-2:40	**Chris Xu, Ph.D., Professor, Cornell University,** *In vivo Multiphoton Imaging of Mouse Brain*
2:40-3:20	**Anna Devor, Ph.D., Associate Professor, UCSD,** *Non-Degenerate Two-Photon Excitation for Deep Tissue Imaging*
3:20-3:40	**Coffee Break**
3:40-4:20	**Yves De Koninck, Ph.D., Professor, Laval University,** *Fiber-optics Microprobes; from Single Cell Optogenetics in vivo to hard-to-get-to areas of the CNS*
4:20-5:00	**Maria Angela Franceschini, Ph.D., Associate Professor, Ph.D., Harvard Medical School and Massachusetts General Hospital,** *Diffuse Optics Tools for Monitoring the Brain*
5:00-5:05	**David Boas, Ph.D., Professor and Director, Boston University Neurophotonics Center,** *Closing Remarks*
5:15-7:00	**Reception and Research Poster Session**

BU Photonics Center