

**17TH ANNUAL PHOTONICS CENTER SYMPOSIUM:
INNOVATIONS AT THE INTERSECTIONS OF MICRO/NANOFABRICATION
TECHNOLOGY, BIOLOGY, AND BIOMEDICINE**

Time	Thursday, December 5, 2013
8:00 - 8:30 a.m.	Registration and Continental Breakfast
8:30 - 8:45 a.m.	Gloria Waters, Ph.D., Vice President and Associate Provost for Research, Boston University, <i>University Greeting</i>
8:45 - 9:00 a.m.	Thomas Bifano, Ph.D., Professor and Director, Photonics Center, <i>Photonics Center and Micro/Nanofabrication Technology, Biology, and Biomedicine Overview</i>
9:00 - 9:45 a.m.	Chih-Ming Ho, Ph.D., Professor, Mechanical and Aerospace Engineering, University of California, Los Angeles, <i>Control of Complex Systems FSC.X Technology Enabled Personalized Medicine</i>
9:45 - 10:30 a.m.	Patrick Doyle, Ph.D. Professor, Department of Chemical Engineering, MIT, <i>Flow Lithography to Create Encoded Microparticles</i>
10:30 - 10:45 a.m.	Coffee Break
10:45 - 11:30 a.m.	Christopher Chen, M.D., Ph.D., Professor, Biomedical Engineering, Boston University, <i>Microtechnologies to Engineer Cellular Forces, Forms, and Micro-Tissues</i>
11:30 - 12:15 p.m.	Jason Kroh, VP of R&D, CardioMEMS, <i>Innovations in Microfabrication to Revolutionize Medical Management</i>
12:15 - 1:30 p.m.	Lunch: Lunch Speaker: Donald Ingber, M.D., Ph.D., Director, Wyss Institute for Biologically Inspired Engineering, Harvard University, <i>Human Organs on Chips and Programmable Nanotherapeutics</i>
1:30 - 2:15 p.m.	Joanna Aizenberg, Ph.D., Professor. School of Engineering and Applied Sciences, Harvard University, <i>Bio-Inspired Structured Surfaces for Cellular Studies</i>
2:15 - 3:00 p.m.	Stephan Anderson, M.D., Department of Radiology, Boston University Medical Center, <i>Applying Micro- and Nanofabrication Strategies to Biomedical Imaging and Sensing</i>
3:00 - 3:15 p.m.	Coffee Break
3:15 - 4:00 p.m.	Joseph Charest, Ph.D., Biomedical Engineer, Draper Laboratory, <i>Replicating Organ and Tissue Function with Microfabricated Systems</i>
4:00 - 4:45 p.m.	Milan Raj, Senior Electrical Engineer, MC10, <i>Soft, Stretchable, Bio-Integrated Electronics</i>
4:45 - 5:00 p.m.	Thomas Bifano, Ph.D., Professor and Director, Photonics Center, Boston University, <i>Closing Remarks</i>
5:00 - 6:30 p.m.	Reception

