



SMART LIGHTING ENGINEERING RESEARCH CENTER

The Right Light Where and When You Need It

Smart Spaces: A Smart Lighting ERC Academia - Industry Day Boston University, Photonics Building 8 St. Mary's St., Boston, MA, 02215

Agenda

(as of Feb 8, 2011)

Monday, February 7, 2011

5:30 PM – 6:30 PM	Drinks, Networking and Research Preview
6:30 PM – 8:00 PM	Dinner

Tuesday, February 8, 2011

7:30 AM – 8:30 AM	Registration and Breakfast
8:30 AM – 8:45 AM	Introduction and Welcome – Thomas Little, ERC Associate Director; David Castañón, Chair, ECE Department, BU; David Rosowsky, Dean, Engineering, RPI
8:45 AM – 9:00 AM	<i>ERC Vision for Smart Spaces</i> – Robert F. Karlicek, ERC Center Director, RPI
9:00 AM – 9:30 AM	<i>Light Transport Acquisition and its Possible Uses in Smart Lighting Design</i> – Pradeep Sen, UNM
9:30 AM – 10:15 AM	<i>Smart Spaces in Smart Buildings on the Smart Grid</i> – Stephen Selkowitz, Lawrence Berkeley Nat'l Lab
10:15 AM – 10:30 AM	Break
10:30 AM – 11:15 AM	Visible Light Communications: Recent Activities in Japan – Shinichiro Haruyama, Keio University
11:15 AM – 11:35 PM	Student Elevator Pitches: 10 Finalists
11:35 AM – 12:25 PM	Research Poster Session
12:25 PM – 1:15 PM	Lunch
1:15 PM – 1:35 PM	<i>Development of Integrated Photocatalytic Systems</i> – Joel Plawsky, RPI
1:35 PM – 1:55 PM	<i>Nanoplasmonic sensors for biohazard detection & identification</i> – Hatice Altug, Boston University
1:55 PM – 2:15 PM	<i>Advanced Light Sensors for Smart Lighting Applications</i> – Mona Hella, RPI
2:15 PM – 2:35 PM	<i>Integrated Circuit Architectures for Modulation and Illumination Control in Smart Lighting Systems</i> – Valencia Joyner, Tufts University
2:35 PM – 3:05 PM	Break, Posters, Lab Tour
3:05 PM – 3:45 PM	<i>Visible Light Communication: Achieving High Data Rates</i> – Dominic O'Brien, University of Oxford
3:45 PM – 4:45 PM	<i>The Future of Smart Lighting: Designing Beyond the Bulb</i> – Industry Panel Matthew Stough, Osram Sylvania; Wade Sheen, Cooledge Lighting; Jong Ma, Braemar Energy Ventures; Charles Leung, Sanan Optoelectronics Co. Ltd.
4:45 PM – 5:45 PM	Reception & Poster Session

This public event is followed by an ERC retreat on Wednesday, February 9, 2011.

Info: SmartLighting.rpi.edu/events.html or Dr. Silvia Mioc, miocs@rpi.edu or Linda Grosser, lgrosser@bu.edu