



# Disrupting the Status Quo in Electric Energy Management:

## *A Systems Approach to a Sustainable Energy Future*

**May 21, 2009**  
9:00 am - 5:00 pm

**Photonics Center**  
8 Saint Mary's Street  
Boston, MA 02215

**Registration Opens**  
**April 9, 2009**  
[www.bu.edu/se/news/seminar.html](http://www.bu.edu/se/news/seminar.html)

**BOSTON**  
**UNIVERSITY**

**Hosted by the**  
**Boston University**

Center for Information and  
Systems Engineering

Clean Energy and Environmental  
Sustainability Initiative

Division of Systems Engineering

Solutions to sustainable energy management, combining new network infrastructure with technological breakthroughs like wind generation or electric hybrid vehicles, may mean pulling the plug on how things are done today. Please join us as we propose:

9:00 am **Energy Systems for the Future**

- *Systems Challenges and Opportunities for Sustainable Energy Solutions*  
Michael Caramanis, Professor, Division of Systems Engineering, Boston University
- *Smart Pricing and Smart Grids*  
William Hogan, Raymond Plank Professor of Global Energy Policy, Harvard University
- *Demand Response in the PJM Synchronized Reserve Market: Experience and Prospects*  
Andrew L. Ott, Vice President-Markets, PJM
- *Energy Service Companies Challenge the Centralized Generation Legacy*  
David Brewster, President and Co-Founder, EnerNOC

12:00 pm **Building a Smarter Infrastructure**

- *Energy-Related Lessons Learned from Sensor Networks*  
Christos Cassandras, Professor & Head, Division of Systems Engineering, Boston University
- *Smart Light: Ubiquitous Communications for the Network*  
Thomas Little, Professor and Director, Smartlighting Center at Boston University

1:45 pm **New Business and Education Models**

- *Innovative Business Models to Drive Market Adoption*  
Nalin Kulatilaka, Wing Tat Lee Family Professor of Finance & Economics, Boston University
- *Training Next Generation Leaders for Sustainable Energy Management*  
Kenneth R. Lutchen, Dean, College of Engineering, Boston University

2:30 pm **The Case for Widespread Adoption**

- Panel Discussion - Moderator TBD*
- Philip Giudice, *Commissioner, MA Department of Energy Resources*
  - Clas A. Jacobson, *Chief Scientist, Controls, United Technologies Research Center*
  - Sokwoo Rhee, *Chief Technology Officer, Millennial Net, Inc.*
  - Evan Sanders, *Vice President Global Sales, A123Systems, Inc.*

4:00 pm **Reception**

Exploring critical aspects of technology advancement and market growth, this program targets leaders from the private sector, e.g. chief technology officers, management, research scientists, venture capitalists, as well as academic professionals.

**Agenda questions?**

Please contact Linda Grosser, 617-358-1295, [lgrosser@bu.edu](mailto:lgrosser@bu.edu)

**Registration questions?**

Please contact Elizabeth Flagg, 617-358-0351, [se@bu.edu](mailto:se@bu.edu)

