

Sensor Networks: What's Real and What Lies Ahead

November 18, 2005, 8:30 am – 4:00 pm

Sponsored by the **Sensor Network Consortium (SNC)** at Boston University

Sensor networks consist of many typically small sensors with diverse characteristics that communicate wirelessly and collaborate to monitor and control a variety of physical processes or systems.

As a result of intense research, development and business investments over the last few years, the sensor network industry has emerged with myriad successful deployments serving a host of applications, ranging from building automation and homeland security to manufacturing, robotics and healthcare.

This workshop will bring together industry, academia, and the venture capital community to highlight the state-of-the-art in sensor network technology, present recent success stories, and explore emerging applications and technologies.

Keynote speaker - David Culler, Professor, UC Berkeley

Invited talks by nationally prominent participants and program features include:

- IBM Corporation, Honeywell International, Ford Automotive
- National Science Foundation
- Boston University Sensor Network Consortium Open House
- Research Posters from Boston University and academic affiliates including Harvard University, Yale University, UMASS Amherst

This workshop is organized by Boston University's College of Engineering, the department of Manufacturing Engineering and the Center for Information Systems and Engineering. Please check again in September for registration information at www.bu.edu/systems/news/special.

About the Boston University Sensor Network Consortium (SNC)

Sensor networks' burgeoning industry stems from the convergence of communications, hardware and computing technologies combined with the innovative applications of these technologies to pursue strategic business opportunities.

The SNC is an initiative at Boston University to foster research, development and commercialization in sensor networks by facilitating the interaction among academia and industry participants. In addition to Boston University faculty, current academic affiliates include Harvard University, Yale University and UMASS Amherst.

In our geography, we believe the SNC is unique in meeting industry and academic needs. To learn more about potential benefits of the SNC to your organization, visit www.bu.edu/systems/industry/consortium. New members are welcome. Current Sensor Network Consortium members and program sponsors include:



About the Center for Information and Systems Engineering (CISE)

Information and systems engineering research at Boston University is strong and accomplished with 23 affiliated faculty from the departments of Aerospace and Mechanical Engineering, Computer Science, Electrical and Computer Engineering, Manufacturing Engineering, Mathematics and Statistics, and Operations Management. CISE provides a home for researchers who speak the same technical language across diverse applications encompassing the analysis, design, and management of complex systems such as sensor networks, supply chains, robotics, control systems, financial engineering and signal processing.