

Research & Industrial Collaboration Conference

CENTER FOR SUBSURFACE SENSING & IMAGING SYSTEMS (CENSSIS)

A National Science Foundation Engineering Research Center

October 4, 2006 at Northeastern University

AGENDA

TUESDAY OCTOBER 3, 2006

5:30 – 8:30 **Meeting of the Board of Directors** (Fourth Floor, Stearns Center)

Chair:

- Allen L. Soyster, Dean, College of Engineering, Northeastern University

WEDNESDAY OCTOBER 4, 2006

7:45 – 8:30 **Registration** (Ballroom Lobby, Curry Student Center)

7:45 – 8:30 **Continental Breakfast** (Ballroom, Curry Student Center)

8:30 – 8:45 **Opening Remarks** (Ballroom)

- Michael B. Silevitch, Robert D. Black Professor of Engineering, Northeastern University and Director, CenSSIS

8:45 – 10:15 **CenSSIS Collaboration with Industry and Government 2006** (Ballroom)

Session Organizers:

- Philip W. Cheney, Senior Consultant for Corporate and Government Partnerships, CenSSIS
- John Beaty, Senior Consultant for R&D Programs, CenSSIS

Advanced Spectroscopic Portal (ASP) Initiative:

- Mark Russell, Vice President of Engineering for Integrated Defense Systems, Raytheon Company
- Lianne Ing, Vice President, Business Development, Bubble Technology Industries

Long Range Suicide Bomber Detection System Program:

- John Pearson, Manager, Government Programs, Siemens Corporate Research, Inc.
- William J. Baukus, Director, Technology Development, American Science and Engineering, Inc.



8:45 – 10:15 CenSSIS Collaboration with Industry and Government 2006 cont'd.

Near-Surface Rapid Soil Characterization System Phase II SBIR:

- Ronald W. Gamache, Director, R&D, TransTech Systems Inc.

Department of Homeland Security:

- Trent DePersia, Program Manager, Homeland Security Advanced Research Project Agency (HSARPA), Science & Technology Division

Massachusetts Technology Collaborative:

- Robert G. Kispert, Director of Technology Programs, Massachusetts Technology Collaborative

10:15 – 10:35 Break (Ballroom)

10:35 – 11:50 Advanced Optical Sensing and Imaging Technologies (Ballroom)

Research Panelists:

- Badrinath Roysam (Session Organizer), CenSSIS Associate Director and Professor, Electrical, Computer and Systems Engineering, Rensselaer Polytechnic Institute
- Irving Bigio, Professor, Departments of Biomedical Engineering and Electrical and Computer Engineering, Boston University
- Charles DiMarzio, Associate Professor, Department of Electrical and Computer Engineering and Director, Optical Science Laboratory, Northeastern University

Industry Panelists:

- Lance Ladic, Strategic Marketing Manager, Siemens Corporate Research
- Christoph Hergersberg, Global Technology Leader – Biosciences, GE Global Research
- Richard M. Levenson, Director of Biomedical Research, Cambridge Research & Instrumentation, Inc.

11:50 – 12:10 Break (Ballroom)

12:10 – 12:55 Naming Ceremony for the Bernard M. Gordon Center for Subsurface Sensing and Imaging Systems (Ballroom)

Remarks from the President of Northeastern University:

- Joseph E. Aoun, President, Northeastern University

Remarks from the National Science Foundation:

- Lynn Preston, Deputy Director, Engineering Education and Centers Division, National Science Foundation



Remarks from the CenSSIS Governing Boards:

- Allen L. Soyster, Chair, Board of Directors
- Karl Weiss, Chairman, CenSSIS Scientific Advisory Board

Keynote speaker:

- Bernard M. Gordon, Executive Chairman of the Board, Neurologica Corporation

Closing Remarks and Unveiling:

- Michael B. Silevitch

12:55 – 3:30 **Lunch Buffet** (Ballroom)

12:55 – 3:30 **Student Poster Presentations** (McLeod Suite, Curry Student Center)

3:30 – 4:30 **Student Oral Presentations** (Ballroom)

- William Warger, Northeastern University
- James Alex Tyrrell, Massachusetts General Hospital, Rensselaer Polytechnic Institute alumnus
- Maria Fernanda Serrano, University of Puerto Rico at Mayagüez
- Caleb Farny, Boston University

4:30 – 4:45 **Poster Judging Awards** (Ballroom)

- Michael B. Silevitch

4:45 – 5:30 **Afternoon Student-Industry Reception** (McLeod Suite)

5:30 – 7:00 **Meeting of the Industrial Advisory Board** (Fourth Floor, Stearns Center)

Chair:

- Robert Kessler, Chief Technology Officer, Textron Systems

