

Cybersecurity Risk Analysis for Enterprise Security

Friday, September 19, 2014

8:30 AM – 4:00 PM

MIT Sloan School of Management

Room: 250 **Address:** 100 Main Street, Building E62, Cambridge, MA 02142

8:30 Registration and Breakfast

9:00 Welcome and Introductions

Bill Guenther, Chairman, CEO & Founder, Mass Insight

Charlie Benway, Executive Director, ACSC

Wayne Burleson, Professor of Electrical and Computer Engineering, University of Massachusetts Amherst

9:30 Keynote: The Foundations of Poor Cybersecurity

David Clark, Senior Research Scientist, MIT Computer Science and Artificial Intelligence Lab

10:00 Network Science and Economics

Anna Nagurney, John F. Smith Memorial Professor, Operations & Information Management, Isenberg School of Management, University of Massachusetts Amherst

10:30 Break

10:45 Panel 1: Cybersecurity Outlook

Moderators:

Wayne Burleson, University of Massachusetts Amherst

Srini Devadas, Edwin Silbey Webster Professor of Electrical Engineering & Computer Science, MIT

Panelists:

Janet Bishop-Levesque, Chief Information Security Officer, RSA, The Security Division of EMC

Bob Guay, Manager, Information Security, Biogen Idec

Larry Wilson, Information Security Lead, President's Office, University of Massachusetts

12:00 Lunch and Keynote: The Financial System 2.0

Andrew Lo, Director, Laboratory for Financial Engineering & Professor of Finance, MIT Sloan School of Management

1:00 Systemic Risk

Mila Getmansky Sherman, Associate Professor of Finance, Isenberg School of Management, University of Massachusetts Amherst

1:15 Panel 2: Risk

Moderators:

Tom Hughes, Product Strategist, Start-up Adviser, Investor

Mila Getmansky Sherman, University of Massachusetts Amherst

Panelists:

Andrei Kirilenko, Professor of the Practice of Finance, MIT Sloan School of Management

Mark Flood, Research Principal, Department of the Treasury, Office of Financial Research (OFR)

John McKenna, Senior Vice President and Chief Information Security Officer, Liberty Mutual

Denise Versace-Marotta, Senior Vice President, Managing Director of the IT Risk and Compliance Advisory Department, State Street

2:00 Break

2:15 Cybersecurity Investment Optimization with Risk: Insights for Resource Allocation

Senay Solak, Associate Professor of Operations Management, Isenberg School of Management, University of Massachusetts Amherst

2:45 Panel 3: Modeling and Optimization - How to Make Better Decisions for Cybersecurity

Moderators:

Anna Nagurney, University of Massachusetts Amherst

Senay Solak, University of Massachusetts Amherst

Panelists:

Paul Garvey, Chief Scientist, The Center of Acquisition and Management Sciences, Center for National Security, MITRE

James Caulfield, Program Manager, Advanced Threat Protection, National IT Services, Federal Reserve

Phil Calvin, VP, Technology Risk Management, Enterprise Risk Management, State Street

John Forest, Senior IT Security Project Manager, Liberty Mutual Insurance

3:30 Closing Remarks