WEIS 2008
Workshop on the Economics of Information Security

Program Schedule

Wednesday, June 25

5:30–8:00 p.m.  Registration, Conway Foyer (Byrne Hall)
6:30–8:00 p.m.  Welcome Reception, Stell Hall
8:00–11:00 p.m. Birds of a Feather Networking and Discussion Opportunity, locations TBA

Thursday, June 26

7:00 a.m.–12:00 p.m.  Registration, Great Hall
7:00–8:15 a.m.  Breakfast, PepsiCo Dining Hall (Byrne Hall)
8:00–8:15 a.m.  Welcome, PepsiCo Dining Hall (Byrne Hall)

Conference Welcome and Overview
M. Eric Johnson, Conference Chair, Tuck School of Business at Dartmouth

Welcome to Tuck and Dartmouth
Paul Danos, Dean, Tuck School of Business at Dartmouth

8:30–10:00 a.m.  Research Presentations, Spanos Auditorium

Cyber Policy and Regulation – Catherine Tucker (MIT), Session Chair

Nonbanks and Risk in Retail Payments
Stuart Weiner, Federal Reserve Bank–Kansas City
Richard Sullivan*, Federal Reserve Bank–Kansas City
Simonetta Rosati, European Central Bank

Do Data Breach Disclosure Laws Reduce Identity Theft?
Sasha Romanosky*, Carnegie Mellon University
Rahul Telang, Carnegie Mellon University
Alessandro Acquisti, Carnegie Mellon University
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Security Economics and European Policy
Ross Anderson, University of Cambridge
Rainer Boehme, Dresden University of Technology
Richard Clayton, University of Cambridge
Tyler Moore*, University of Cambridge

10:00–10:30a.m. Coffee Break
10:30a.m.–12:00p.m. Panel, Spanos Auditorium

Media Panel
Communicating Security – The Role of Media: A Journalistic Perspective
Byron Acohido, USA Today
Scott Berinato, CIO/CSO Magazines
Brian Grow, BusinessWeek
Ryan Naraine, ZDNet Magazine
Dennis G. Fisher, TechTarget
Eric Johnson, Dartmouth College (moderator)

12:00–1:20p.m. Lunch and Panel, PepsiCo Dining Hall (Byrne Hall)

CISO Panel
CISO Perspective – Evaluating and Communicating Information Risk
Russ Pierce, Chief Security Architect, CVS Caremark
Phil Venables, Managing Director and Chief Information Risk Officer, Goldman Sachs
Kavitha Venkita, Practice Manager, IT Practice, Corporate Executive Board
Eric Johnson, Dartmouth College (moderator)

1:30–3:20p.m. Research Presentations, Spanos Auditorium

Risk Management and Security Investment – Lawrence Gordon (Maryland), Session Chair
Security Investment (Failures) in Five Economic Environments: A Comparison of Homogeneous and Heterogeneous User Agents
Jens Grossklags*, UC Berkeley
Nicolas Christin, Carnegie Mellon University
John Chuang, School of Information, UC Berkeley

BORIS – Business–Oriented Management of Information Security
Sebastian Sowa*, Ruhr–University of Bochum
Lampros Tsinas, Munich Re
Roland Gabriel, Ruhr–University of Bochum

Productivity Space of Information Security in an Extension of the Gordon–Loeb's Investment Model
Kanta Matsuura*, The University of Tokyo

Communicating the Economic Value of Security Investments; Value at Security Risk
Rolf Hulthén*, TeliaSonera AB

3:20–3:45p.m. Coffee Break
3:45–5:25p.m. Research Presentations, Spanos Auditorium

Technology and Policy Adoption – L. Jean Camp (Indiana), Session Chair

Modelling the Human and Technological Costs and Benefits of USB Memory

Stick Security
Adam Beutement, UCL
Robert Coles, Merrill Lynch
Jonathan Griffin, HP Labs
Christos Ioannidis, University of Bath
Brian Monahan, HP Labs
David Pym*, HP Labs and University of Bath
Angela Sasse, UCL
Mike Wonham, HP Labs
Information Governance: Flexibility and Control through Escalation and Incentives
Xia Zhao*, Dartmouth College
Eric Johnson, Dartmouth College

Firms’ Optimal Digital Rights Management (DRM) Strategies: The Effects of Public Copy Protection and DRM Compatibility
Sang Hoo Bae*, Clark University
Pilsik Choi, Clark University

Diffusion and Adoption of IPv6 in the United States
Hillary Elmore, Indiana University Bloomington
L. Jean Camp*, Indiana University Bloomington
Brandon Stephens, Indiana University Bloomington

5:30p.m. Group Photo, Tuck Steps
5:45p.m. Buses depart for dinner
6:30p.m. Dinner at Simon Pearce Restaurant, Quechee, Vermont
Transportation will be provided to and from Simon Pearce Restaurant.
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Friday, June 27

7:30a.m.–12:00p.m. Registration, Great Hall
7:00–8:15a.m. Breakfast, PepsiCo Dining Hall (Byrne Hall)
8:00–8:15a.m. Welcome, PepsiCo Dining Hall (Byrne Hall)

Security Perspectives
George Cybenko, Dorothy and Walter Gramm Professor of Engineering at Dartmouth

8:30–10:10a.m. Research Presentations, Spanos Auditorium

Combating Cybercrime – Ross Anderson (Cambridge), Session Chair

Reinterpreting the Disclosure Debate for Web Infections
Oliver Day, Harvard University
Rachel Greenstadt*, Harvard University
Brandon Palmen, Harvard University

The Impact of Incentives on Notice and Take–down
Tyler Moore*, University of Cambridge
Richard Clayton, University of Cambridge

Studying Malicious Websites and the Underground Economy on the Chinese Web
Jianwei Zhuge, Peking University
Thorsten Holz, University of Mannheim
Chengyu Song*, Peking University
Jinpeng Guo, Peking University
Xinhui Han, Peking University
Wei Zou, Peking University
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Friday, June 27

**Botnet Economics: Uncertainty Matters**
Zhen Li, Albion College
Qi Liao*, University of Notre Dame
Aaron Striegel, University of Notre Dame

10:10–10:30 a.m. **Coffee Break**

10:30 a.m.–12:00 p.m. **Panel, Spanos Auditorium**

**Cybercrime Panel**
Investigating and Prosecuting Cybercrime
Kathryn Warma, Assistant U.S. Attorney, Washington
Jim Burrell, Assistant Special Agent in Charge, Boston, FBI
Lucy H. Carrillo, Assistant Attorney General, New Hampshire Criminal Justice Bureau
William Cantwell, New Hampshire State Police
Eric Goetz, I3P (moderator)

12:00–1:15 p.m. **Lunch, PepsiCo Dining Hall (Byrne Hall)**

1:30–2:30 p.m. **Research Presentations, Spanos Auditorium**

**Disclosure and Firm Valuation – Rahul Telang (CMU), Session Chair**

**Reading the Disclosures with New Eyes: Bridging the Gap between Information Security Disclosures and Incidents**
Ta-Wei Wang*, Purdue University
Jackie Rees, Purdue University
Karthik Kannan, Purdue University
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**Friday, June 27**

- **2:30–3:00 p.m.** Coffee Break
- **3:00–4:30 p.m.** Research Presentations, Spanos Auditorium
  - **Privacy and Trust** – *Alessandro Acquisti* (CMU), Session Chair
  - **The Economics of Covert Community Detection and Hiding**
    Shishir Nagaraja*, University of Cambridge
  - **Conformity or Diversity: Social Implications of Transparency in Personal Data Processing**
    Rainer Böhme*, TU Dresden
  - **Is Distributed Trust More Trustworthy?**
    Kurt Nielsen*, University of Copenhagen
  - **Competition for Information under Privacy Concerns**
    Ramnath Chellappa*, Emory University
    Raymond Sin, Hong Kong University of Science and Technology

- **4:45–6:00 p.m.** Rump Session, Whittemore Tent
  - Angela Sasse and Adam Beautement, University College London
  - Forrest Hare, George Mason University
  - Se–Hak Chun, Seoul National University of Technology
  - And more to come!

- **6:00 p.m.** Dinner at Tuck School of Business, Whittemore Tent
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Saturday, June 28

8:00–9:30 a.m.  Breakfast, Hanover Inn, Hanover, New Hampshire

Security Research at I3P/ISTS
Charles Palmer, Research Director I3P, Dartmouth College
David Kotz, Professor, Dartmouth College

9:30 a.m.  Transportation departs for optional hike or walking tour of Woodstock, Vermont

9:30 a.m.–4:00 p.m.  Day Trip

Hiking – Mount Cardigan (3121ft) 3.3 miles, 2.5 hours – Lead by Prof. David Kotz, Dartmouth

This moderate hike is rewarding, with good views above tree line. At 3.3 mile for the round trip, the hike is moderately steep but can be hiked in common athletic shoes.

http://www.dartmouth.edu/~doc/hiking/mountcardigan/

Strolling – Woodstock, Vermont

Enjoy a stroll through the historic New England village. With many shops and restaurants, there are plenty of opportunities to linger over a cup of tea or coffee.

http://www.woodstockvt.com/

For the more adventurous, hike Mount Tom – a 30 minute hike from downtown Woodstock on a well maintained trail:


3:00 p.m.  Transportation returns to the Hanover Inn, Hanover, New Hampshire

End of Workshop