

9th Workshop on the Economics of Information Security (WEIS)



HARVARD
School of Engineering
and Applied Sciences

June 7-8, 2010 Harvard University, Cambridge, MA, USA <http://weis2010.econinfosec.org>

CALL FOR PAPERS

Information security continues to grow in importance, as threats proliferate, privacy erodes, and attackers find new sources of value. Yet the security of information systems depends on more than just technology. Good security requires an understanding of the incentives and tradeoffs inherent to the behavior of systems and organizations. As society's dependence on information technology has deepened, policy makers, including the President of the United States, have taken notice. Now more than ever, careful research is needed to accurately characterize threats and countermeasures, in both the public and private sectors.

The Workshop on the Economics of Information Security (WEIS) is the leading forum for interdisciplinary scholarship on information security, combining expertise from the fields of economics, social science, business, law, policy and computer science. Prior workshops have explored the role of incentives between attackers and defenders, identified market failures dogging Internet security, and assessed investments in cyber-defense. This workshop will build on past efforts using empirical and analytic tools to not only understand threats, but also strengthen security through novel evaluations of available solutions. How should information risk be modeled given the constraints of rare incidence and high interdependence? How do individuals' and organizations' perceptions of privacy and security color their decision making? How can we move towards a more secure information infrastructure and code base while accounting for the incentives of stakeholders?

We encourage economists, computer scientists, business school researchers, legal scholars, security and privacy specialists, as well as industry experts to submit their research and attend the workshop. Suggested topics include (but are not limited to) empirical and theoretical studies of:

- Optimal investment in information security
- Online crime (e.g., botnets, phishing & spam)
- Risk management and cyberinsurance
- Security standards and regulation
- Cybersecurity policy
- Privacy, confidentiality and anonymity
- Behavioral security and privacy
- Security models and metrics
- Psychology of risk and security
- Vulnerability discovery, disclosure, and patching
- Cyberwar strategy and game theory
- Incentives for information sharing & cooperation

We highlight two key areas of particular focus for this year's workshop. First, we encourage submissions that consider the design and evaluation of policy solutions for improving information security. Second, given the importance of data-driven decision making, we encourage submissions with empirical components. A selection of papers accepted to this workshop will appear in an edited volume designed to help policy makers, managers, researchers and practitioners better understand the information security landscape.

Important Dates

Submissions due

February 22, 2010

Notification of Acceptance

April 2, 2010

Workshop

June 7-8, 2010

Papers should be submitted online at <http://weis2010.econinfosec.org> by 11:59pm PST February 22, 2010. WEIS is co-located with the ACM Conference on Electronic Commerce, to be held June 9-11, 2010.

Program Committee

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