

Security/Privacy Incident Management and Discovery: Opportunities for AI/HLT

Jessica Staddon

Google Inc., USA
jessica.staddon@gmail.com

Keynote Abstract

The field of security/privacy incident management has grown with the increase in cybersecurity threats. It is an area of focus for technology providers, standards bodies and regulators. Incident management is also a challenging area for practitioners and has a high-rate of burnout. I'll talk about opportunities for AI/HLT-based automation to improve the incident management process for practitioners and how AI/HLT can drive a better understanding of incident patterns, and potentially enable better policies, regulations and privacy discourse. This talk will emphasize user needs and open problems.

Biography

Jessica is a Research Scientist at Google and an Adjunct Associate Professor of Computer Science at NC State. At Google she leads research for enterprise security and analytics products. Previously she was an area manager at Xerox PARC, and a research scientist at Bell Labs and RSA Labs. Her interests include usable security and privacy tools, trends in privacy-related attitudes and methods for measuring and predicting privacy-related behaviors, attitudes and risks. She serves regularly on the program committees of ACM and IEEE sponsored security/privacy conferences and is on the editorial boards of the Journal of Computer Security, IEEE Security Privacy Magazine and the International Journal of Information and Computer Security. Jessica holds a PhD in Mathematics from U. C. Berkeley.