



Seminar Series Comp. Sci. & CRA-W



Evolution of Identity Management Systems and Challenges

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Apr 16th Friday, 9:00 to 10:00am

Venue - Computer Science 209

Abstract - To support emerging activities within the digital information infrastructure, such as enterprise IT management, commerce, healthcare, entertainment, online social and scientific collaboration, it is increasingly important to understand the evolving concept of digital identity. In this talk I will present the basic concepts underlying digital identity, the fundamental challenges and desired properties of digital identity attributes. Furthermore we will explore some of the new types of digital identity which are emerging with the growing technological innovations. We will see how digital identity management technology is becoming fundamental in customizing user experience, protecting privacy, underpinning accountability and compliance in today's world and preparing us for secure usage of the technologies of tomorrow.

Brief Bio - Abhilasha Bhargav-Spantzel received her Ph.D. in 2007 from Purdue University. She has been working as a Security Specialist at Intel Corporation since then. Bhargav-Spantzel has been involved in research activities for several NSF funded projects related to Identity Management at Purdue as a part of her thesis research. She has also worked with the Biometric Standards Performance and Assurance Laboratory at Purdue to focus on new techniques for integrating biometrics with cryptographic protocols and to use them in identity management systems. Bhargav-Spantzel was an invited expert in the Liberty Alliance Strong Authentication standards group and Liberty Alliance Identity Theft Special Interest group which has now become part of the Kantara Initiative. She has worked as a resident fellow at Symantec Corporation on Symantec gateway security which integrates a wide variety of security technologies such as firewall, intrusion detection and virus protection. Bhargav-Spantzel has conducted research work at IBM Zurich Research Laboratory. Previously, Bhargav-Spantzel has conducted research work on human-factors related to password security and artificial intelligence techniques for intrusion detection systems.