Information Assurance Center Seminar

Securing Dynamic Online Social Networks

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Brickyard Room 210, 699 South Mill Avenue, Tempe, Arizona

The current trends of social networks are indirectly requiring users to become system and policy administrators for protecting their content in cyber-enabled social setting. This is further complicated by the rapid growth rate of social networks and by the continuous adoption of new services on social networks, requiring more systematic user-centered access control. In addition, research has increasingly recognized the risk of misuse of personal data processed by online social networking applications and the lack of awareness among the user population. This talk discusses a comprehensive and compelling framework called SNGuard (Social Network Guard) that satisfies diverse privacy properties, access control issues, identity management requirements, and usage patterns.

Dr. Gail-Joon Ahn is an Associate Professor of School of Computing, Informatics and Decision Systems Engineering at Arizona State University and Director of Laboratory of Information Integration, Security and Privacy is Director of Laboratory of Security Engineering for Future Computing (<http://sefcom.asu.edu>). His principal research and teaching interests are in information and systems security. His research foci include vulnerability and risk management, access control, and security architecture for distributed systems. His research has been supported by NSF, NSA, DoD, DoE, Bank of America, Hewlett Packard, Microsoft and Robert Wood Johnson Foundation. He is a recipient of Department of Energy CAREER Award and the Educator of the Year Award from the Federal Information Systems Security Educators' Association (FISSEA). Prior to ASU, he was an Associate Professor of College of Computing and Informatics and Founding Director of Center for Digital Identity and Cyber Defense Research and Laboratory of Information Integration, Security and Privacy at UNC Charlotte.

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