

Midwest Security Workshop
September 30, 2006
University of Illinois at Urbana-Champaign

- 8:30 a.m. – 9:00 a.m. Continental Breakfast
Lobby, NCSA Building
- 9:00 a.m. – 9:10 a.m. Welcome
Auditorium, NCSA Building
- 9:10 a.m. – 10:30 a.m. Network Security—Auditorium, NCSA Building
9:10 a.m. – 9:30 a.m. PDA: Privacy-preserving Data Aggregation in Wireless Sensor Networks
Wenbo He, Xue Liu, Hoang Nguyen, Klara Nahrstedt, Tarek Abdelzaher
University of Illinois at Urbana-Champaign
- 9:30 a.m. – 9:50 a.m. Firewall Policy Reconstruction by Active Probing: An Attacker’s View
Taghrid Samak, Adel El-Atawy, Ehab Al-Shaer
DePaul University
- 9:50 a.m. – 10:10 a.m. Probing for Open DNS Resolvers
John Kristoff
DePaul University
- 10:10 a.m. – 10:30 a.m. Wireless Router to Router Malware
Alex Tsow, Steven Myers
Indiana University
- 10:30 a.m. – 10:50 a.m. Break
Lobby, NCSA Building
- 10:50 a.m. – 12:10 p.m. Applications, Cryptography and Protocols—Auditorium, NCSA Building
10:50 a.m. – 11:10 a.m. On the Risks of IBE
Himanshu Khurana, Jim Basney
University of Illinois at Urbana-Champaign
- 11:10 a.m. – 11:30 a.m. Log Anonymization and Information Management at the NCSA
Adam Slagell
University of Illinois at Urbana-Champaign
- 11:30 a.m. – 11:50 a.m. Conformance Monitoring and Identity Management in Air Traffic Control
Natasha Neogi
University of Illinois at Urbana-Champaign

11:50 a.m. – 12:10 p.m. The Maude-NRL Protocol Analyzer: A Rewriting-Based Inference System for Equational Cryptographic Reasoning
Santiago Escobar, Catherine Meadows, Jose Meseguer
[Universidad Politécnica de Valencia](#), Naval Research Laboratory, University of Illinois at Urbana-Champaign

12:10 p.m. – 2:15 p.m. Boxed Lunches
4401 Siebel Center

12:30 p.m. – 2:15 p.m. Poster Session
4th Floor, Siebel Center

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2:15 p.m. – 3:35 p.m. Identity Theft and System Security—1404 Siebel Center

2:15 p.m. – 2:35 p.m. Invasive Browser Sniffing and Countermeasures
Markus Jakobsson, Sid Stamm
Indiana University

2:35 p.m. – 2:55 p.m. Practical Identity Theft Prevention Using Aggregated Proof of Knowledge
Elisa Bertino, Abhilasha Bhargav-Spantzel, Anna C. Squicciarini, Rui Xue
Purdue University

2:55 p.m. – 3:15 p.m. Building Survivable Distributed Systems Through Automated Intrusion Response
Saurabh Bagchi
Purdue University

3:15 p.m. – 3:35 p.m. Safe LLVA: A Compiler-based Virtual Machine for OS Kernel
Vikram Adve
University of Illinois at Urbana-Champaign

3:35 p.m. – 3:55 p.m. Break
4401 Siebel Center

Poster Session
4th Floor, Siebel Center

3:55 p.m. – 5:15 p.m. Security Policy and Access Control—1404 Siebel Center

3:55 p.m. – 4:15 p.m. Context-Aware Content-Based Access Control Policy Specification Framework for the Healthcare Domain

Arjmand Samuel
Purdue University

4:15 p.m. – 4:35 p.m. Reducing the Dependence of SPIK/SDSI on PKI
Hao Wang, Somesh Jha, Thomas Reps, Stefan Schwoon and Stuart
University of Wisconsin

4:35 p.m. – 4:55 p.m. Automatic Verification of Distributed and Layered Security Policy
Implementation Using the Access Policy Tool
Sankalp Singh, David M. Nicol, William H. Sanders
University of Illinois at Urbana-Champaign

4:55 p.m. – 5:15 p.m. Utilizing Context Information for Policy-driven Automated Generation of
File Attributes in Ubiquitous Systems
Ragib Hasan, Kazuhiro Minami, Zahid Anwar, Soumyadeb Mitra,
Marianne Winslett
University of Illinois at Urbana-Champaign

5:15 p.m. – 5:30 p.m. Closing Remarks
1404 Siebel Center

6:00 p.m. Dinner
Location TBA