

Industrial Control System Security (ICSS) Workshop

In conjunction with the Annual Computer Security Applications Conference

Tuesday, 5 December 2017

8:30 a.m. - 4:30 p.m.

Agenda

- 8:30 *Welcome and Introduction*, Harvey Rubinovitz, The MITRE Corporation; Adam Hahn, Washington State University; and Irfan Ahmed, University of New Orleans
- 8:45 “*Invited Presentation: Programmable Logic Controller Forensics*”, Irfan Ahmed, University of New Orleans
- 10:00 Break
- 10:15 *Securing SCADA Applications Using OpenPLC With End-To-End Encryption*, Thiago Alves, and Thomas Morris, The University of Alabama.
- 11:00 *Secure Data Provenance in Home Energy Monitoring Networks*, Ming Hong Chia, University of Glasgow; Sye Loong Keoh, University of Glasgow; Zhaohui Tang, Singapore Institute of Technology
- 12:00 **LUNCH - 12:00 to 1:00 PM. Please note we will resume from lunch at 1:00.**
- 1:00 “*Invited Presentation: ICS, Adversarial Tactics, Techniques, and Common Knowledge (ATT&CK™)*”, Otis Alexander, The MITRE Corporation
- 1:45 *Timing Performance Profiling of Substation Control Code for IED Malware Detection*, Julian L. Rrushi, Western Washington University
- 2:30 *DoS Exploitation of Allen-Bradley’s Legacy Protocol through Fuzz Testing*, Francisco Tacliad; Thuy D. Nguyen, Naval Postgraduate School; Mark Gondree, Sonoma State University
- 3:15 *Discussion Period and Wrap-up*, Harvey Rubinovitz, The MITRE Corporation; Adam Hahn, Washington State University; and Irfan Ahmed, University of New Orleans
- 3:18 Break

Please let us know if we should continue with this topic for next year, or if you have a new topic for next year.