**Industrial Control System Security (ICSS) Workshop**  
*In conjunction with the Annual Computer Security Applications Conference*

Tuesday, 4 December 2018  
8:30 a.m. – 5:00 p.m.

**Agenda**

8:30 *Welcome and Introduction*, Harvey Rubinovitz, The MITRE Corporation; Adam Hahn, Washington State University; and Irfan Ahmed, Virginia Commonwealth University

8:45 “*Keynote Presentation: Security Analysis of a 1.5 Million+ Smart Meter Infrastructure*”, Sujeet Shenoi, University of Tulsa

10:00 Break


11:00 *Graph-Based Data Collection Policies for the Internet of Thing*, Maribel Fernandez, Jenjira Jaimunk, Department of Informatics, King’s College London; and Bhavani Thuraisingham, The University of Texas at Dallas

12:00 **LUNCH - 12:00 to 1:00 PM. Please note we will resume from lunch at 1:00.**

1:00 “*Invited Presentation: Potential and Limitations for using Statistical Data Analysis in the Detection of Cyber Attacks on Cyber-Physical Systems*”, John Mulder, Sandia National Laboratories

1:45 *The Nuts and Bolts of Deploying Process-Level IDS in Industrial Control Systems*, Magnus Almgren, Wissam Aoudi, Robert Gustafsson, Chalmers University of Technology; Robin Krahl, University of Freiburg, and Andreas Lindhé, Combitech

2:30 *A Virtual Environment for Industrial Control Systems: A Use-Case in Attack Detection, Identification, and Response*, Andrés Murillo, Luis Francisco Combita; Universidad de los Andes, Andrea Calderón González; Universidad Nacional de Colombia, Sandra Rueda; Unianedes, Álvaro Cárdenas, University of Texas Dallas, and Nicanor Quijano Universidad de los Andes

3:15 Break

3:30 “*Invited Presentation: Cybersecurity Framework Manufacturing Profile Implementation*”, Keith Stouffer, NIST

4:15 *Securing Your ICS Software with the attack surface Host Analyzer (AHA)*, Adam Hahn, Dave Anderson, and Ali Tamimi, Washington State University

5:00 **Discussion Period and Wrap-up**, Harvey Rubinovitz, The MITRE Corporation; Adam Hahn, Washington State University; and Irfan Ahmed, University of New Orleans