# 9th Annual Industrial Control System Security (ICSS) Workshop

*In conjunction with the Annual Computer Security Applications Conference*

**AT&T Conference Center in Austin, Texas**

**Tuesday, 5 December 2023**

8:30 a.m. – 5:00 p.m.

## Agenda

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<th>Time Slots</th>
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| 8:30       | 8:45             | Welcome Slides (15 mins):
|            |                  | **General Co-chairs:**
|            |                  | Harvey Rubinovitz, The MITRE Corporation, and
|            |                  | Greg Shannon, Idaho National Laboratory
|            |                  | **PC Co-Chairs:**
|            |                  | Irfan Ahmed, Virginia Commonwealth University, and
|            |                  | Mina Guirguis, Texas State University
|            |                  | **Panel Chair:**
|            |                  | Gabriela Ciocarlie, The Cybersecurity Manufacturing Innovation Institute (CyManII)
| 8:45       | 10:00            | **Keynote (1 hour and 15 mins):** TBD
|            |                  | Jonathan Homer, Chief Security Officer at CPS Energy
| 10:00      | 10:25            | Break (25 minutes)
|            |                  | Sarah Freeman, Chief Engineer at The MITRE Corporation
|            |                  | Sukarno Mertoguno, Georgia Institute of Technology
| 12:05      | 13:30            | Lunch
| 13:30      | 14:20            | Invited Talk (50 mins): *A Tale of Two Industroyers - An Analysis of the Russian Malware Used to Attack Ukraine’s Power Grid*
|            |                  | Alvaro Cardenas, UC Santa Cruz
| 14:40      | 15:00            | Research Paper (20 mins): *vPLC: A scalable PLC testbed for IIoT Security Research*, Syed Ali Qasim, Grand Valley State University; Muhammad Taqi Raza, University of Massachusetts Amherst; Irfan Ahmed, Virginia Commonwealth University
| 15:00      | 15:30            | Break (30 minutes)
|            |                  | **Panel (1 hour and 10 mins): Secure Manufacturing**
| 15:50      | 17:00            | **Moderator:**
|            |                  | Gabriela Ciocarlie, The Cybersecurity Manufacturing Innovation Institute (CyManII)
|            |                  | **Panelists:**
|            |                  | Curtis Taylor, Oak Ridge National Laboratory
|            |                  | Kyle Saleebey, Georgia Tech
|            |                  | Dongyan Xu, Purdue University
|            |                  | Wayne Austad, Idaho National Laboratory
| 17:00      |                  | Wrap-up