

5th GI/ACM I4.0 Workshop on Standardization of Automation and Control Systems

Preliminary Program
Monday, 28/09/2020: 09:30 - 16:00

Session 1: 09:30 – 11:00

1. **Jan deMeer** HTW/smartspacelab.eu GmbH Berlin et al:
Introduction into IACS Scope and Program;
2. **Vitaly Promyslov** Academy of Science Russia et al: *Validation of Control Systems with Heterogeneous Digital Models and Virtualization Technologies;*
3. **Mithil Parekh** OVG University Magdeburg et al:
Aligning with Cybersecurity Framework by Modeling OT Security;

Break: 11:00 – 11:15

Session 2: 11:15 – 12:45

4. **Xinxin Lou** Technic Faculty Uni Bielefeld et al:
Operational Security Analysis and Challenges for IoT Solutions;
5. **Axel Rennoch & Alexander Willner** Fraunhofer FOKUS Berlin:
Edge Computing Standardization and Initiatives;
6. **Vanesa Watson** Uni Siegen et al:
MAC Layer Security for Time-sensitive Switched Ethernet Networks;

Break: 12:45 – 13:30

Session 3: 13:30 – 15:00

7. **Josef Schindler** FA University Erlangen et al: *Gossip Protocol approach for a decentralizied energy market with OPC-UA client-server communication;*
8. **Nikolaus Mühlbauer** TU München et al: *Feature-based Comparision of Open Source OPC-UA implementations;*
9. **Yongjian Ding** Madgeburg-Stendal et al: *Simulation Model for Threat and Impact Analysis on Modern Electrical Power Systems;*

Break: 15:00 – 15:15

Session 4: 15:15 – 16:00

10. **Pierre Kobes** Kobesconsulting.de:
Quo Vadis IEC62443 IACS?
11. **Jan deMeer** HTW/smartspacelab.eu GmbH Berlin et al:
Closing remarks