

CESoS '21 Workshop

November 9-10, 2021

All times in MST

DAY 1: APPLYING SCIENCE & EXPERIMENTATION TO CYBER-PHYSICAL SYSTEMS

9:00 AM	Welcome & Opening Remarks: <i>Perspectives on Cyber-Physical Experimentation on High-Consequence Systems</i>
10:15 AM	<i>Break</i>
10:25 AM	Power Systems
10:45 AM	Pipelines: Oil, Gas, Water, & Wastewater
11:05 AM	<i>Break</i>
11:15 AM	Connected & Autonomous Vehicles
11:35 AM	Manufacturing & Robotics
11:55 AM	Defense Systems
12:15 PM	<i>Break for Lunch</i>
12:45 PM	Panel: Role of Cyber Experimentation in CPS Security
	<u>Adjourn @ 1:45 PM</u>

DAY 2: TOOLS & ALGORITHMS ENABLING CYBER EXPERIMENTATION

11:00 AM	Opening Remarks
11:05 AM	Metrics & Measurability
11:25 AM	Validation & Verification
11:45 AM	Formal Methods
12:05 PM	Software Engineering Tools
12:25 PM	<i>Break</i>
12:40 PM	Experimentation
1:00 PM	Reproducibility
1:20 PM	Forensics/Traceability/Attribution/Consequence
1:40 PM	Co-simulation
2:00 PM	<i>Break</i>
2:15 PM	Panel: Challenges and Needs for Tools & Algorithms
3:15 PM	New Ideas
3:45 PM	Future Steps: Brainstorming the Security of a Wholly Connected World
	<u>Adjourn @ 4:15 PM</u>



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