

TUESDAY, APRIL 11, 2017

7:45 – 8:35 a.m.	CHECK-IN		
8:35 – 9:00 a.m.	MEETING WELCOME & OPENING REMARKS Neil Hershfield U.S. Department of Homeland Security Deputy Director, Industrial Control Systems Cyber Emergency Response Team		
9:00 – 10:00 a.m.	KEYNOTE ADDRESS Exploring the Unknown ICS Threat Landscape Ben Miller, Dragos - Director, Threat Operations		
10:00 – 10:15 a.m.	BREAK		
	MAIN	BREAKOUT 1	BREAKOUT 2
10:15 – 11:00 a.m.	Cyber Informed Engineering Virginia Wright, Idaho National Laboratory	DEMONSTRATION	Penetration Testers as Targets: Safety and Security in Testing ICS Systems Dr. Wesley McGrew, HORNE Cyber
11:05 – 11:50 a.m.	The Threat Within: One Approach to Targeting the Insider Threat Joseph Ladd, Southern Company	Lessons Learned Implementing DHS Cyber Assessment Guidelines and Extending Them to Levels 0 and 1 Ed Suhler, Mission Secure	Ransomware The Biggest Threat to the Power Grid Andrew Goodson, USAF
11:50 – 12:50 p.m.	LUNCH		
12:50 – 1:20 p.m.	NETWORKING AND VENDOR EXPO		
1:20 – 2:05 p.m.	PLENARY PRESENTATION Ransomware for Industrial Control Systems David Formby, Fortiphed Logic / Georgia Institute of Technology		
	MAIN	BREAKOUT 1	BREAKOUT 2
2:10 – 2:55 p.m.	Share all the Indicators! Richard Struse, DHS / National Cybersecurity and Communications Integration Center	Meeting the Demand for Cybersecurity Professionals - Views from a STEM Career Coach David Teumim, Teumim Technical	LIGHTNING ROUNDS
			Safeguarding the Industrial Control-Plane Chris Grove, Indegy
			Critical Infrastructure v. IoT Malware Nathan Brubaker, FireEye iSight Intelligence
			Quantum Encryption Dr. Tommy Gardner, Jacobs Dr. Duncan Earl, Qubitekk
2:55 – 3:10 p.m.	BREAK		
	MAIN	BREAKOUT 1	BREAKOUT 2
3:10 – 3:55 p.m.	A Widening Attack Plane: Threatcasting Tomorrow's Threats Brian Johnson, Frost & Sullivan / Arizona State Dr. Natalie Vanatta, U.S. Army Cyber Institute	DEMONSTRATION	Supply Chain Security: What to Ask Your Supplier George Masters, Schweitzer Engineering Laboratories
4:00 – 4:45 p.m.	PANEL	Cyber Physical Security Assessment of a Photovoltaic (PV) Power Plant Alexander Miranda, Michigan Tech University, ME - EM	Learning Network Security Monitoring as a SCADA Engineer Nik Urlaub, Power Engineers
4:45 – 4:50 p.m.	HOUSEKEEPING REMARKS		
4:50 – 5:30 p.m.	NETWORKING AND VENDOR EXPO OPEN UNTIL 5:30 - CLOSE OF DAY 1		



WEDNESDAY, APRIL 12, 2017

7:45 – 8:30 a.m.	CHECK-IN		
8:30 – 8:35 a.m.	DAILY OPENING REMARKS ICSJWG Lead Industrial Control Systems Cyber Emergency Response Team		
8:35 – 9:20 a.m.	PLENARY PRESENTATION U.S. Cyber-Physical Historical Perspective Dr. Ron Fisher, Idaho National Laboratory		
9:25 – 10:10 a.m.	MAIN	BREAKOUT 1	BREAKOUT 2
	Detecting Cyber and Physical Attacks on Water Treatment Systems: A Physics-Based Approach Dr. Aditya Mathur, Singapore University of Technology and Design / Purdue University	Will Security Training Increase Security? Anders Östgaard, Swedish Civil Contingencies Agency	Functional Safety Meets Cybersecurity - The Way Ahead Nigel Stanley, TÜV Rheinland OpenSky
10:10 – 10:25 a.m.	BREAK		
10:25 – 11:10 a.m.	MAIN	BREAKOUT 1	BREAKOUT 2
	DoD Advanced Control Systems Tactics, Techniques and Procedures Dr. Michael Chipley, PMC Group	Interoperability: A Foundational Attribute of Cybersecure ICS Tony Thomas, NRECA	Results of Non-Process ICS Security Assessments and Mitigation Issues Ken Keiser, Parsons
11:15 – 12:00 p.m.	OTSDN: What Is It and Why Do You Need It? Jason Dearien, Schweitzer Engineering Laboratories	Real World Application of CSF for Improving ICS Resilience Joel Langill, AECOM	IT Security Awareness: P.L.A.I.N. and Simple Peter Sindt, TSA
12:00 – 1:00 p.m.	LUNCH		
1:00 – 1:30 p.m.	NETWORKING AND VENDOR EXPO		
1:30 – 2:15 p.m.	PLENARY PRESENTATION Building Cybersecurity into a Greenfield ICS Project John Cusimano, aeSolutions		
2:15 – 2:30 p.m.	BREAK		
2:30 – 3:15 p.m.	MAIN	BREAKOUT 1	BREAKOUT 2
	Active Directory in ICS, Defending Against Attacks Donovan Tindill, Honeywell Industrial Cyber Security	DEMONSTRATION	Cybersecurity and Safety - Looking Down the Road Brian Wisniewski, Rockwell Automation
3:20 – 4:05 p.m.	PANEL	Security for Safety Hans-Detlef Winkel, Bayer AG Jens Wiesner, German Federal Office for Information Security	Applying Modern Standards to Legacy Infrastructure: A Practical Road Map Kris Blouch, UL
	The Industrial Internet of Things - Is It Safe? Dr. Art Conklin, University of Houston - Moderator Andrew Ginter, Waterfall Security Solutions Bryan Owen, OSIssoft Sven Shrecker, IoT Security Solutions, Intel		
4:05 – 4:10 p.m.	HOUSEKEEPING REMARKS		
4:10 – 5:30 p.m.	NETWORKING AND VENDOR EXPO OPEN UNTIL 5:30 PM - CLOSE OF DAY 2		

THURSDAY, APRIL 13, 2017

7:45 – 8:30 a.m.	CHECK-IN		
8:30 – 8:35 a.m.	DAILY OPENING REMARKS ICSJWG Lead Industrial Control Systems Cyber Emergency Response Team		
8:35 – 9:35 a.m.	KEYNOTE ADDRESS Marty Edwards U.S. Department of Homeland Security Director, Industrial Control Systems Cyber Emergency Response Team		
9:40 – 10:25 a.m.	MAIN	BREAKOUT 1	BREAKOUT 2
	Jack Voltaic: A Major City, Multi-Sector, Public-Private Cyber Exercise Judy Esquibel, U.S. Army Cyber Institute Dr. Fernando Maymi, Soar Technologies	Do You Trust Your IED? Joshua Pereyda, Schweitzer Engineering Laboratories	Vulnerability Management When You Just Can't Patch Richard Dahl, cmlid://
10:25 – 10:45 a.m.	BREAK		
10:45 – 11:30 a.m.	MAIN	BREAKOUT 1	BREAKOUT 2
	Measuring Response Impacts on Embedded Systems Rita Foster, Idaho National Laboratory	DEMONSTRATION	Developing Baselines with Metrics Based on Bow Tie Analysis Harry Paul, OSISOft
11:35 – 12:20 p.m.	The ICS Security Workforce: Issues and Answers Steve Parker, Energy Sector Security Consortium	Achieving Realistic Cyber-Physical Threat Simulations and Impact Analysis... with "Video Games" Clint Bodungen, Kasperksy Lab	Challenges in Creating Cybersecurity Teams Alan Raveling, Interstates Control Systems
12:20 – 1:45 p.m.	LUNCH		
1:45 – 2:30 p.m.	MAIN	BREAKOUT 1	BREAKOUT 2
	The Challenge of Pipeline Operational Cybersecurity Randy Kirkendoll, Redi Technologies Albert Rooyakkers, Bedrock Automation Platforms		Patterning in STIX 2.0 John-Mark Gurney, New Context
2:35 – 3:35 p.m.	ASK ME ANYTHING Marty Edwards U.S. Department of Homeland Security Director, Industrial Control Systems Cyber Emergency Response Team		
3:35 – 3:40 p.m.	CLOSING REMARKS		