



ICSJWG 2011 FALL CONFERENCE AGENDA

	MONDAY, OCTOBER 24, 2011 ICSJWG SUBGROUP WORKING MEETINGS
9:00 – 5:00	REGISTRATION
9:00 - 10:00	Research & Development (R&D) Subgroup Working Meeting Salon C
9:00 - 10:00	Workforce Development Subgroup Working Meeting Salon D
10:00 – 10:30	BREAK
10:30 - 11:30	R&D Subgroup Working Meeting, <i>continued</i> Salon C
10:30 - 11:30	Workforce Development Subgroup Working Meeting, <i>continued</i> Salon D
11:30 – 1:00	LUNCH
1:00 - 2:30	Vendor Subgroup Working Meeting Salon A/B
2:30 – 3:00	BREAK
3:00 - 4:30	Roadmap Subgroup Working Meeting Salon A/B
4:30 – 4:45	BREAK
4:45 – 5:30	Government Coordinating Council (GCC) / Sector Coordinating Council (SCC) Working Meeting Salon A/B

All ICSJWG 2011 Fall Conference Agenda times correspond to Pacific Daylight Time (PDT)

ICSJWG 2011 FALL CONFERENCE AGENDA

DAY 1	TUESDAY, OCTOBER 25, 2011		
ICSJWG CONFERENCE PLENARY SESSION & TRACK PRESENTATIONS			
8:00 – 9:00	REGISTRATION		
9:00 – 9:15	Welcome Remarks & Agenda Review Marty Edwards and Tim Roxey, Industrial Control Systems Joint Working Group Co-Chairs		
9:15 – 10:00	Keynote Gregory Schaffer, Acting Deputy Under Secretary, National Protection and Programs Directorate U.S. Department of Homeland Security		
10:00 – 10:30	BREAK		
10:30 - 11:00	“Combating Computer Intrusions Through FBI Cooperation and Coordination” Kenneth Schmutz and John Caruthers, Federal Bureau of Investigation		
11:00 – 11:30	Unclassified Cyber Threat Briefing		
11:30 – 1:00	LUNCH		
TRACK	I - POLICY & STANDARDS	II - TECHNOLOGY	III - CASE STUDIES
1:00 – 1:45	Brian Lenane, SRA International <i>“Smart Grid Interoperability Panel - Cyber Security Working Group”</i>	Joel Langill, SCADAhacker <i>“Implementing a Network-based Intrusion Detection System for Control Systems”</i>	Stacey Kelly, Honeywell <i>“Cyber Security and the New Frontier: Lessons Learned”</i>
1:45 - 2:00	BREAK		
2:00 – 2:45	Graham Speake, Yokogawa Electric Corporation Kevin Staggs, Honeywell <i>“ISASecure Certification for Systems”</i>	Tracy Amaio, SEQUI Tien Van, SEQUI <i>“IEEE 1711-2010 Security for Legacy SCADA Protocols”</i>	Ben Miller, North American Electric Reliability Corporation <i>“Improving Security Operations through ES-ISAC”</i>
2:45 – 3:15	BREAK		



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DAY 1, Continued	TUESDAY, OCTOBER 25, 2011 ICSJWG CONFERENCE TRACK PRESENTATIONS & PANEL SESSION		
TRACK	PANEL - INDUSTRIAL CONTROL SYSTEM REGULATION: REGULATORY VS. NON-REGULATORY	II - TECHNOLOGY	III - CASE STUDIES
3:15 – 4:00	<i>Moderator</i> Mike Assante, North American Electric Reliability Corporation	Jamey Hilleary, Elecsys <i>“Extending Data Security in Legacy SCADA Systems”</i>	Robert Martin, MITRE <i>“Risk Analysis and Measurement with CWRAF”</i>
4:00 – 4:15	<i>Panelists</i>	BREAK	
4:15 – 5:00	Perry Pederson, Nuclear Regulatory Commission Brian M. Harrell, North American Electric Reliability Corporation Steve Parker, Energy Sector Consortium Markus Braendle, ABB Inc.	Josef Allen, Oak Ridge National Laboratory <i>“Preventing Cascading Event(s): A Distributed Cyber-Physical Approach”</i>	Ron Mraz, Owl Computing Technologies <i>“Securing Network Perimeters – How Operations & IT Can Benefit”</i>
5:00	END OF DAY ONE		

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DAY 2	WEDNESDAY, OCTOBER 26, 2011		
	ICSJWG CONFERENCE PLENARY SESSION & TRACK PRESENTATIONS		
8:00 – 9:00	REGISTRATION		
9:00 – 9:30	“A Complex Journey to a Simple Future” Tim Roxey, North American Electric Reliability Corporation		
9:30 - 10:00	“Cyber Security Implications of SIS Integration with Control Networks” Zachary Tudor, Program Director, SRI International		
10:00 – 10:30	BREAK		
TRACK	I - POLICY & STANDARDS	II - TECHNOLOGY	III – CASE STUDIES
10:30 – 11:15	Chuck Weissman, Los Angeles Metro Darryl Song, U.S. Department of Transportation, Volpe Center <i>“APTA Controls & Communications Security Work Group – Recommended Practices for Securing our Transit Systems” Presentation not available</i>	Nate Bowman, U.S. Department of Homeland Security, Control Systems Security Program/Industrial Control Systems-Cyber Emergency Response Team <i>“Is Whitelisting for ICS?”</i> <i>Presentation not available</i>	Fred Cohen, Fred Cohen & Associates <i>“Using Architectural Analysis Tools for Better Protection Decisions”</i>
11:15 - 1:00	LUNCH		
1:00 – 1:45	David Teumim, Teumim Technical <i>“Securing Control and Communications in Rail Transit”</i>	Mohan Ramanathan, NitroSecurity Andrew Ginter, Waterfall Security Solutions <i>“Maintaining Necessary Information Paths over Unidirectional Gateways”</i>	Richard Struse, U.S. Department of Homeland Security, Software Assurance Program <i>“Software Assurance - Making the Software Ecosystem Rugged”</i>
1:45 – 2:00	BREAK		
2:00 – 2:45	Mike Ahmadi, GraniteKey Dennis Holstein, OPUS Publishing <i>“A Baseline Security Standard for Industrial Automation Control Systems”</i>	James Graham, University of Louisville <i>“Hardening the Active Perimeter of Industrial Control Networks”</i>	Mark Trump, FoxGuard Solutions <i>“Secure Validation Methodologies for ICS Patching”</i>
2:45 - 3:15	BREAK		

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DAY 2, <i>Continued</i>	WEDNESDAY, OCTOBER 26, 2011 ICSJWG CONFERENCE TRACK PRESENTATIONS, PANEL SESSION, & WRAP UP		
TRACK	PANEL – INDUSTRIAL CONTROL SYSTEM VULNERABILITY DISCLOSURE	II - TECHNOLOGY	III – CASE STUDIES
3:15 – 4:00	<i>Moderator</i> Eric Cornelius, U.S. Department of Homeland Security, Control Systems Security Program/Industrial Control Systems-Cyber Emergency Response Team	Sitaraman Lakshminarayanan, General Electric Energy <i>“Design Principles for Secure Smart Grid System Integration across Network Perimeters”</i>	Doron Becker, Computer Sciences Corporation <i>“Measuring the Security of Industrial Control Systems in the Age of Stuxnet”</i>
4:00 – 4:15	<i>Panelists</i> Kevin Hemsley, U.S. Department of Homeland Security, Control Systems Security Program/Industrial Control Systems-Cyber Emergency Response Team	BREAK	
4:15 – 5:00	Ernest Rakaczky, Invensys Dale Peterson, Digital Bond, Inc Lt. Col. Andrew Pennington, United States Air Force Reserves and K2Share	Mark Fabro, LoftyPerch <i>Presentation not available</i>	Bernie Pella, Invensys <i>“Secure Data Transfer from Lower to Higher Security Levels”</i>
5:00 – 5:15	BREAK		
5:15 – 5:30	Conference Wrap-Up, Closing Remarks, and Evaluation Forms Marty Edwards and Tim Roxey, ICSJWG Co-Chairs		



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	THURSDAY, OCTOBER 27, 2011 INTERMEDIATE CYBERSECURITY FOR INDUSTRIAL CONTROL SYSTEMS
7:30 – 8:00	REGISTRATION
8:00 – 8:15	Welcome and Introductions
8:15 – 10:00	Current Security in ICS
10:00 – 10:30	BREAK
10:30 – 12:00	Strategies Used Against ICS
12:00 – 1:30	LUNCH
1:30 – 2:30	Defending the ICS
2:30 – 3:00	BREAK
3:00 – 4:30	Preparation and Further Reading