

# ICSJWG 2011 Spring Conference Agenda

<b>DAY 1 – MONDAY, MAY 2, 2011</b> <b>ICSJWG SUBGROUP WORKING MEETINGS</b>	
10:30 - 11:30	ICS Roadmap Subgroup Meeting – “How We Got Here” Grand Salon E
1:00 - 4:00	ICS Roadmap Subgroup Working Meeting Grand Salon E
1:00 - 4:00	Vendor <Solutions Technology> Subgroup Working Meeting Grand Salon F
1:00 - 4:00	Workforce Development Subgroup Working Meeting Grand Salons G-J
4:00 – 5:00	Government Coordinating Council (GCC) Subgroup Working Meeting (Invitation Only) Grand Salon E
4:00 – 5:00	Sector Coordinating Council (SCC) Subgroup Working Meeting (Invitation Only) Grand Salon F
5:00 – 6:00	GCC/SCC Subgroup Working Meeting (Invitation Only) Grand Salon E
<b>3:00 – 5:00</b>	<b>Registration</b>

<b>DAY 2 – TUESDAY, MAY 3, 2011</b> <b>ICSJWG CONFERENCE PLENARY SESSIONS AND PRESENTATIONS</b>	
<b>7:00 – 8:00</b>	<b>Registration</b>
8:00 – 8:15	<b>Welcome</b> Marty Edwards and Tim Roxey, ICSJWG Co-Chairs
8:15 – 8:45	<b>Keynote Speaker</b> Marty Edwards, Director, Control Systems Security Program U.S. Department of Homeland Security
8:45 – 9:15	<b>Security From the Ground Up</b> Steve Parker, National Electric Sector Cybersecurity Organization (NESCO), EnergySec
9:15 – 9:45	<b>The Voice of the Asset Owner</b> Darren Highfill, UtiliSec
<b>9:45 – 10:00</b>	<b>Break</b>
10:00 – 10:30	<b>Exploitation 101: Turning a SCADA Vulnerability into a Successful Attack</b> Joel Langill, SCADAHacker
10:30 – 11:00	<b>National Cybersecurity &amp; Communications Integration Center (NCCIC) Presentation</b> Patrick Beggs, Director of Operations, NCCIC U.S. Department of Homeland Security
11:00 – 11:10	<b>Vendor &lt;Solutions Technology&gt; Subgroup Status Presentation</b> Marty Edwards, GCC Co-Chair Eric Cosman, SCC Co-Chair
11:10 – 11:20	<b>ICS Roadmap Subgroup Status Presentation</b> Perry Pederson, GCC Co-Chair Tim Roxey, SCC Co-Chair
11:20 – 11:30	<b>Workforce Development Subgroup Status Presentation</b> Keri Nusbaum, GCC Co-Chair Mike Glover, SCC Co-Chair
<b>11:30 – 1:00</b>	<b>Lunch</b>

DAY 2 – TUESDAY, MAY 3, 2011 ICSJWG CONFERENCE PRESENTATIONS			
PRESENTATIONS	TRACK I	TRACK II	TRACK III
1:00 – 1:45	<b>Mike Ahmadi Gib Sorebo Dr. Fred Cohen</b>  <i>Reconsidering the Risk-Based Formulas and Standards Approach To Improving Security</i>	<b>Andrew Ginter Joel Langill</b>  <i>How Stuxnet Spreads: A Study of Infection Paths in Best Practice Systems</i>	<b>Eric Cornelius</b>  <i>Lessons Learned in Industrial Control Systems Incident Response</i>
1:45 – 2:00		<b>Break</b>	
2:00 – 2:45	<b>Larry Alls Lori Hayes Anna Wang</b>  <i>Integrated Factory Acceptance Test (IFAT) as Security Best Practice</i>	<b>Tatsuaki Takebe Dr. Kazuya Suzuki</b>  <i>Network Packet Visualization Technology in Process Control Systems</i>	<b>David Sawin</b>  <i>Control Systems Security Program Transportation Sector</i>
2:45 - 3:00		<b>Break</b>	
3:00 – 3:45	<b>Scott Aken Pamela Warren</b>  <i>In the Dark in 2010 – Necessary Progress in 2011</i>	<b>Ryan Breed</b>  <i>DNS Data and Metadata Extraction: Techniques for DNS Analysis</i>	<b>Mark Heard</b>  <i>Advancing the Roadmap Implementation</i>
3:45 – 4:00		<b>Break</b>	
4:00 – 4:45	<b>Andre Ristaino Graham Speake John Cusimano</b>  <i>Validating the Security Assurance of Industrial Automation Products</i>	<b>Joseph McCormick Tom Overman</b>  <i>Cyber Security Demonstration in a Distributed ICS</i>	<b>Scott Dickerson</b>  <i>Protecting Maritime CIKR</i>
4:45 – 5:00		<b>Break</b>	
5:00 – 7:00	<b>Resource Database Management Hack “Little Chem” Process Control Hack</b>		

DAY 3 – WEDNESDAY, MAY 4, 2011 ICSJWG CONFERENCE PRESENTATIONS			
7:00 – 8:00	Registration		
PRESENTATIONS	TRACK I	TRACK II	TRACK III
8:00 – 8:45	<b>Brian Lenane</b>  <i>Cyber Security Working Group: A Report from the NIST Cyber Security Working Group</i>	<b>Ernie Hayden</b>  <i>The Four Layers of Smart Grid Security</i>	<b>Jonathan Pollet</b>  <i>APT (Night Dragon) Methodology and Lessons Learned</i>
8:45 – 9:00	Break		
9:00 – 9:45	<b>John Cusimano</b>  <i>Achieving Software Security Assurance</i>	<b>Steve Parker William Fletcher</b>  <i>Leveraging Hashing Techniques to Reduce Risks posed by APTs to Control System Software</i>	<b>Kevin Hemsley</b>  <i>ICS Vulnerability Disclosure: To Disclose or Not to Disclose</i>
9:45 – 10:00	Break		
10:00 – 10:45	<b>Dr. Nabil Adam</b>  <i>Combined Analysis of the Safety and Security Properties of Cyber-physical System</i>	<b>Bernie Pella</b>  <i>A Paradigm Change to Cyber Security</i>	<b>Dale Peterson</b>  <i>New ICS Security Tools Funded by the U.S. Government</i>
10:45 – 11:00	Break		
11:00 – 11:45	<b>Daniel Noyes</b>  <i>Where's Daniel Webster When You Need Him? Defining ICS Incident Terminology</i>	<b>Art Manion Michael Orlando</b>  <i>Fuzz Testing for Dummies</i>	<b>Bill Beary</b>  <i>Smart Power Infrastructure Demonstration for Energy Reliability and Security (SPIDERS)</i>
11:45 – 1:15	Lunch		
1:15 – 2:00	<b>Lt. Col. Wallace Pennington</b>  <i>Prioritizing CIKR Targets for Cyber Attacks</i>	<b>Swapnil Wadikar</b>  <i>Risk-Based Cyber Security Strategy for Maximizing Business Impact</i>	<b>William Fletcher</b>  <i>Vulnerabilities with Protective Relays Serially-Connected to Transitional BES Substation Networks</i>
2:00 – 2:15	Break		

DAY 3 – WEDNESDAY, MAY 4, 2011 ICSJWG CONFERENCE PRESENTATIONS			
PRESENTATIONS	TRACK I	TRACK II	TRACK III
2:15 – 3:00	<b>Lisa Kaiser</b> <i>Risk Management Framework</i>	<b>Ernest Rakaczky Paul Forney</b> <i>Security Development Lifecycle for Control Systems</i>	<b>Nate Kube</b> <i>The Achilles Practices Certification Program</i>
3:00 – 3:15	<b>Break</b>		
3:15 – 4:00	<b>Dr. Josef Allen</b> <i>Resilient Real-Time Cyber- Physical Systems</i>	<b>John Caruthers Ken Schmutz</b> <i>FBI and Cyber Security for ICS/SCADA Systems</i>	<b>Matt Gibson Bradley Yeates</b> <i>Functional Analysis Methods: A Case Study in Nuclear Power</i>
4:00 – 4:15	<b>Break</b>		
4:15 – 5:00	<b>Rhonda Dunfee Dr. Diane Hooie Steve Parker Dr. Erfan Ibrahim</b> <i>The Power of a Network: Applying Reed's Law to a Public- Private Partnership</i>	<b>Lior Frenkel</b> <i>One-way Myths: Common Misperceptions about Unidirectional Gateways</i>	<b>Eric Knapp</b> <i>Obtaining Situational Awareness (Across Isolated Systems)</i>
5:00 – 5:15	<b>Break</b>		
5:15 – 5:30	<b>Closing Remarks and Conference Wrap-up</b> Marty Edwards and Tim Roxey, ICSJWG Co-Chairs		

DAY 4 – THURSDAY, MAY 5, 2011 TRAINING: INTERMEDIATE CYBERSECURITY FOR CONTROL SYSTEMS	
7:30 – 8:00	<b>Registration</b>
8:00 – 8:15	Welcome and Introductions
8:15 – 10:00	Intermediate Training
10:00 – 10:15	<b>Break</b>
10:15 – 12:00	Intermediate Training Continued
12:00 – 1:15	<b>Lunch</b>
1:15 – 3:00	Intermediate Training Continued
3:00 – 3:15	<b>Break</b>
3:15 – 5:00	Intermediate Training Continued and Wrap-up