ICSJWG 2012 Spring Conference Agenda

— ICSJWG EXPANDING THE COMMUNITY —

	MONDAY, MAY 7, 2012 **ICSJWG SUBGROUP WORKING MEETINGS**
9:00 – 5:00	**REGISTRATION**
9:00 – 10:00	**Research & Development Subgroup Working Meeting** Plenary Room
10:00 – 10:30	**BREAK**
10:30 - 11:30	**Workforce Development Subgroup Working Meeting** Plenary Room
11:30 – 1:00	**LUNCH**
1:00 - 2:00	**Vendor Subgroup Working Meeting** Plenary Room
2:00 – 2:15	**BREAK**
2:15 - 3:00	**Vendor Subgroup Working Meeting (continued)** Plenary Room
3:00 – 3:30	**BREAK**
3:30 – 4:30	**Roadmap Subgroup Working Meeting** Plenary Room
4:30 – 4:45	**BREAK**
4:45 – 5:30	**Government Coordinating Council / Sector Coordinating Council Working Meeting** Plenary Room

All ICSJWG 2012 Spring Conference Agenda times correspond to Eastern Daylight Time (EDT)

Control Systems
Security Program/
ICS-CERT

May 7 - 10, 2012
Savannah, Georgia

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— I C S J W G   E X P A N D I N G   T H E   C O M M U N I T Y —

DAY 1	**TUESDAY, MAY 8, 2012** **ICSJWG CONFERENCE PLENARY SESSIONS & TRACK PRESENTATIONS**		
8:00 – 9:00	**REGISTRATION**		
9:00 – 9:15	**Welcome & Opening Remarks** Marty Edwards, DHS Control Systems Security Program/ICS-CERT, Director; ICSJWG GCC Co-Chair Tim Roxey, North American Electric Reliability Corporation, Director – Electricity Sector-Information Sharing and Analysis Center, Chief Cyber Security Officer; ICSJWG SCC Co-Chair Neil Hershfield, DHS Control Systems Security Program/ICS-CERT, Deputy Director		
9:15 – 10:00	**"Industrial Control System Case Study - Incident Response in Springfield, IL"** Christopher Trifiletti, Federal Bureau of Investigation, Springfield Division Michael Alford, Federal Bureau of Investigation, Indianapolis Division Eric Cornelius, DHS ICS-CERT		
10:00 – 10:30	**NETWORKING BREAK**		
TRACK	**I – TECHNOLOGY**	**II – VULNERABILITIES & MITIGATIONS**	**III – MEMBERS' CHOICE (E.G., TRANSFORMATIONS, SOLUTIONS, & EVOLUTIONS)**
10:30 - 11:15	**Kelly Blackmer, ERCOT** *"ERCOT Black Start Training"*	**Kevin Hemsley, DHS ICS-CERT** *"ICS-CERT Incident Response"*	**Mark Zanotti, Lofty Perch** *"Forensics and Case Study within the Electrical Sector"*
11:15 – 1:00	**LUNCH**		
TRACK	**I – TECHNOLOGY**	**II – VULNERABILITIES & MITIGATIONS**	**III – MEMBERS' CHOICE (E.G., TRANSFORMATIONS, SOLUTIONS, & EVOLUTIONS)**
1:00 – 1:45	**Dina Hadziosmanovic, University of Twente** *"Detecting Zero-Day and Targeted Attacks Against Industrial Control Systems"*	**Art Conklin, University of Houston** *"New Paradigm for Industrial Control Systems Operational Security"*	**Eric Cosman, The Dow Chemical Company** *"Roles in Industrial Control Systems Security Across the Lifecycle"*
1:45 - 2:00	**BREAK**		

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DAY 1, *Continued*	**TUESDAY, MAY 8, 2012** **ICSJWG CONFERENCE TRACK PRESENTATIONS & PANEL SESSION**		
TRACK	**I – TECHNOLOGY**	**II – VULNERABILITIES & MITIGATIONS**	**III – MEMBERS' CHOICE (E.G., TRANSFORMATIONS, SOLUTIONS, & EVOLUTIONS)**
2:00 – 2:45	**Tracy Waller, Savannah River Nuclear Solutions** *"Savannah River Site Cyber Security Program for Industrial Control Systems"*	**Mike Ahmadi, GraniteKey** **Nate Kube, Wurldtech** **Alexander Damisch, Wind River** *"Mitigating Industrial Control Systems Vulnerabilities Through Intrusion Detection Systems/Intrusion Prevention Systems Signatures"*	**Ryan Hruska, DHS ICS-CERT** **Ryan Kimmitt, DHS ICS-CERT** *"Consequence Effects & Analysis"*
2:45 – 3:15	**NETWORKING BREAK & EVALUATIONS**		
3:15 – 5:00	**PANEL – KEY TAKE-AWAYS FROM DIGITALBOND'S SCADA SECURITY SCIENTIFIC SYMPOSIUM (S4) AND PROJECT BASECAMP** *Moderator* **Bob Lockhart, Pike Research** *Panelists* **Jacob Kitchel, Industrial Defender** **Jonathan Pollet, Red Tiger Security** **Markus Braendle, ABB Group** **Graham Speake, Yokogawa Electric Corporation** **Rob McComber, Telvent** **Brad Hegrat, Rockwell Automation**		
5:00	**END OF DAY ONE**		

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DAY 2	WEDNESDAY, MAY 9, 2012 ICSJWG CONFERENCE PLENARY SESSIONS & TRACK PRESENTATIONS		
8:00 – 9:00	**REGISTRATION**		
9:00 – 9:30	**Deputy Under Secretary's Address** Mark Weatherford, DHS, National Programs and Protection Directorate, Deputy Under Secretary		
9:30 – 10:00	**"Hacking SCADA Systems - 2011 Year in Review"** Jonathan Pollet, Red Tiger Security		
10:00 – 10:30	**NETWORKING BREAK**		
TRACK	**I – TECHNOLOGY**	**II – VULNERABILITIES & MITIGATIONS**	**III – MEMBERS' CHOICE (E.G., TRANSFORMATIONS, SOLUTIONS, & EVOLUTIONS)**
10:30 – 11:15	**Erez Kreiner, Director, Israel National Information Security Authority** *Introductory Remarks* **Ofir Hason, Israel National Information Security Authority** **Kobi Levin, Motorola Solutions** **Eric Cornelius, DHS ICS-CERT** *"ACE-3600 Based Monitoring and Control of Control Systems"*	**Eric Knapp, McAfee** **Rob Chavez, Intel** *"Industrial Control Systems Cyber Security Proof of Concept"*	**Brent Huston, MicroSolved** *"Honeypots as Detection Tools in Industrial Control Systems/ Supervisory Control and Data Acquisition Environments"*
11:15 - 1:00	**LUNCH**		
1:00 – 1:45	**Corey Thuen, Idaho National Laboratory** *"Work in Progress: Beta Testing of Sophia for Improved Situational Awareness"*	**David Sawin, U.S. Department of Transportation, Volpe Center** **Robert Hoaglund, U.S. Department of Transportation, Volpe Center** *"Control Systems Security Within Maritime"*	**George Simonds, MAR, Incorporated** *"Workforce Development – How Do You Identify, Build, and Retain Qualified People?"*
1:45 – 2:00	**BREAK**		

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DAY 2, *Continued*	WEDNESDAY, MAY 9, 2012 ICSJWG CONFERENCE TRACK PRESENTATIONS, PANEL, & WRAP-UP		
TRACK	**I – TECHNOLOGY**	**II – VULNERABILITIES & MITIGATIONS**	**III – MEMBERS' CHOICE (E.G., TRANSFORMATIONS, SOLUTIONS, & EVOLUTIONS)**
2:00 – 2:45	**Mark Bodily, INL** **Lisa Kaiser, DHS, Control Systems Security Program** *"Implementing the 20 Critical Security Controls in the Supervisory Control and Data Acquisition World"*	**Carl Scarbrough, Tennessee Valley Authority** **Ron Mraz, Owl Computing Technologies, Inc.** *"TVA's Data Diode Program"*	**John McNabb, Infrastructure Security Labs** *"Protection of Control Systems at Drinking Water Utilities"*
2:45 - 3:15	**NETWORKING BREAK & EVALUATIONS**		
3:15 – 5:00	**PANEL – SECURITY RESPONSIBILITIES OF THE CONTROL SYSTEMS VENDOR** *Moderator* **Zach Tudor, SRI** *Panelists* **Markus Braendle, ABB Inc.** **Rob McComber, Telvent** **Paul Forney, Invensys** **Graham Speake, Yokogawa Electric Corporation**		
5:00 – 5:15	**Conference Wrap-Up & Closing Remarks** Marty Edwards and Tim Roxey, ICSJWG Co-Chairs		

	THURSDAY, MAY 10, 2012 INTRODUCTION TO CONTROL SYSTEMS CYBERSECURITY
7:30 – 8:00	**REGISTRATION**
8:00 – 8:15	**Welcome and Introductions**
8:15 – 10:00	**Cybersecurity Landscape: Understanding the Risks**
10:00 – 10:30	**BREAK**
10:30 – 12:00	**Industrial Control Systems Applications**
12:00 – 1:30	**LUNCH**
1:30 – 3:00	**Current State of Cybersecurity in Industrial Control Systems**
3:00 – 3:30	**BREAK**
3:30 – 4:30	**Practical Applications of Cybersecurity**