

**S4x18 - Tuesday, January 16th
Agenda At A Glance**

	Main Stage	Stage 2	Sponsor Stage	
08:00	Registration and Light Breakfast			
08:45	Dale Peterson - Mini Keynote	Dark	Dark	
09:00				Cloud Security & Self Certification Dave Cullinane - Founder CSA
				Ralph Langner - Lean OT Security
10:00	On-Stage Interview with Dan Geer	Dark	Passive, Active or Hybrid Monitoring: What's the Right Choice for ICS? Indegy Session	
	Morning Break			
11:00	ELECTRUM & Beyond: ICS Attackers Dan Gunter / Joe Slowik	DoS on ICS Wireless Networks Blake Johnson - FireEye	In Logs We Trust - The Black Box Waterfall Sponsor Session	
	SecDevOps: ICS Crawl to Cloud Sprint Matt Franz - Gemalto	Detecting ICS Attacks Using Recurrent Neural Networks (RNN) Andrey Lavrentyev - Kaspersky	The Past, Present & Future An Optimist's View Dragos Session	
12:00	Effective Engagement With Boards Thomas Parenty - Archefact Group	Lunch Break	Break	
	Lunch Break			
13:00	ICS Venture Capital Panel Tyler Williams-Shell, Patrick Heim-ClearSky	Integrating Quantum Key Distribution (QKD) with ICS Protocols Adam Crain / Duncan Earl	Exfiltrating Reconnaissance Data from Air- Gapped ICS Networks by Injecting Ladder Logic Code into PLCs CyberX Session	
		1st Look: EPRI Cyber Security Data Sheets		
14:00	Do Business Safely in Adversarial Nations Jeff Carr - Cyber Warfare Expert	Don't Answer the Door ...Protecting IoT Matthew Theobald - Schneider Electric	Avoiding the Red Balloon Won't Make The Danger Go Away PAS Session	
	BrickerBot: IoT & Internet Chemotherapy Pascal Geenens - Radware	Break	Current Threats and Protection Strategies for Industrial Systems Bayshore Session	
15:00	Afternoon Break	Using Force Directed Graphs In A SOC Corey Thuen - Gravwell	Remote Access Realities and Challenges Cisco Session	
	ICS Detection Challenge Phase I: Asset Identification Results	CIP Security Spec to Protect EtherNet/IP Jack Visoky - ODVA	Lessons Learned from a Major ICS Deployment ProtectWise Session	
16:00	Securing ICS Protocols Debate Wrap it in TLS or Purpose Built Adam Crain / David Smith	A Network Sandbox for ICS Malware David Atch		
	FUD Video - Clint Bodungen	FOG & Edge Computing Security Strategy Dan Behrans - Cisco		
17:00	Welcome Party Cuban Themed At Miami Botanical Gardens			
19:30				

**S4x18 - Wednesday, January 17th
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	Main Stage	Stage 2	Sponsor Stage
08:00	Registration and Light Breakfast		
09:00	Keynote - Cyber International Relations Adam Segal - Council on Foreign Relations	Dark	
	You Need a Quantitative Risk Assessment Richard Seiersen - Author		
10:00	Iatrogenics: Harm Done by the Healer Jake Brodsky / Joel Langill / Dale Peterson		
	Morning Break	Dark	Take Back Your Network! – An ICS Cyber Security Program in 3 Simple Steps Verve Session
11:00	Media Panel - Investigating & Reporting ICS Security While Avoiding FUD Kelly Jackson Higgins & Jim Finkle	Finding N-Day Firmware Vulnerabilities Ang Cui - Red Balloon Security	
	ICS Cyber Insurance with 2 Case Studies Jason Christopher / Garin Pace	Securing the ICS Lab William Middleton, Siemens	Powering the IT/OT SOC of the Future Claroty Session
12:00	Building a More Defensible Cyberspace Jason Healey	Is OPC UA The Bridge To IIoT? Randy Armstrong, OPC Foundation	Functional Safety & Cyber Security ... Another Year On TUV Session
	Dark	Crafting Attacks & Anonymizing Packets Ron Brash, Atlants Embedded	
13:00	Cabana Sessions at the Surfcomber Hotel		
16:00			

**S4x18 - Thursday, January 18th
Agenda At A Glance**

	Main Stage	Stage 2	Sponsor Stage
08:00	Registration and Light Breakfast		
09:00	Meta-Strategy of Cyber War Dave Aitel - Immunity, Inc.	Dark	Dark
	Blockchain & Its Future in ICS / IIoT Tommy Gardner		
10:00	TRITON/TRISIS Session		
	Morning Break		
		Dark	
11:00	Debate: OT SOC or Enterprise SOC? Dan Scali-FireEye, Rob Lee-Dragos	OT Software Defined Networking Tim Watkins, SEL	Are You the Next IACS Breach Headline? Schneider Electric Session
	What Autism Research Can Teach ICSsec Jason Holcomb - Revolutionary Security	Common HW Vulns Across ICS Vendors Todd Keller, INL	Hardcore Windows Hardening OSIsoft Session
12:00	Lunch Break	Secure Modbus - Coming Soon	
		Lunch Break	Lunch Break
13:00	Growing ICSsec Training to HS Students From a Classroom to a School District	Trust Chaining to Secure Supply Chain Dean Weber, Mocana	Under the Hood: Hybrid ICS Threat Detection Nozomi Session
	INL Survey & Analysis Of ICSsec Products Carl Hurd		
14:00	Comparing Gov Approaches to ICSsec Miquel Garcia-Menendez	Time Sensitive Networking (TSN) Todd Walter - Avnu Alliance	A Real (Water Utility) IT Security Perspective Inside The OT World Phoenix Contact Session
	ICS Detection Challenge Phase II Results	Unsolicited Response 5-Minute Talks/Rants By Attendees Funny or Serious or Both	Sensors & Sensibility: I Have an ICS Sensor! Now What? FireEye Session
	Break		
15:00	CTF Winner Awards Ceremony	Dark	Dark
	S4x18 Closing Panel Ralph Langner, Zach Tudor, Dale Peterson		
16:00	Say Farewell with the Craft Beer Bash on S4 Main Stage		
17:00			