

The 2015 Cybersecurity Innovation Forum

Day 1: Wednesday, September 9, 2015

7:30 – 8:30	Registration – Salons ABC Prefunction Area (Street Level) Washington Convention Center				
8:30 – 8:45	Welcome and Opening Remarks Charles Romine, Director of the Information Technology Laboratory, National Institute of Standards and Technology (NIST)				
8:45 – 9:30	KEYNOTE: <i>Cybersecurity Headline News - Changing the Story</i> View Presentation Dr. Zulfikar Ramzan, Chief Technology Officer, RSA, The Security Division of EMC				
9:30 – 10:30	GENERAL SESSION: <i>It's Complicated. Three perspectives on the tough issues: Privacy, Risk Management, Liability, and more</i> Host: Matthew Scholl, Chief of the Computer Security Division, NIST Guests: View Presentation Malcolm Harkins, Global Chief Information Security Officer, Cylance Inc. Donna Dodson, Chief Cybersecurity Advisor, NIST View Presentation Andy Ubel, Chief Intellectual Property Counsel, Valspar Corporation				
10:30 – 11:00	BREAK / Expo Opens				
	Trusted Computing Room 204	Security Automation Room 202	Information Sharing Room 201	Research Room 206	Demonstration Room 203
11:00 – 11:50	Disrupting the Revolution of Cyber-Threats with Revolutionary Security View Presentation Rick Engle, Principal Windows Technologies Specialist, Microsoft	Security Automation Challenges View Presentation John Banghart, Microsoft View Presentation	Legal Issues in Sharing Cyber Threat Intelligence: What Are The Real Concerns? View Presentation Kim Peretti, Partner, CISSP,	A Secure ToolChain Competition View Presentation Lee Badger, NIST Chris Johnson, NIST Shawn Webb, G2, Inc.	Sowing seed in the Identity Ecosystem View Presentation Phil Lam, NSTIC/ NIST Greg Cavalli, Virginia DMV Michael Farnsworth, HealthIDx

		Steve Grubb, RedHat	Alston & Bird, LLP	Carl Landwehr, GWU/LeMoyne College	Matthew Thompson, HealthIDx Andrew Nash, Confirm, Inc. Adam Migus, Confirm, Inc.
11:50 – 1:00	LUNCH on your own/ Expo Food cart available in the registration area. The Exhibit Hall & Room 102 is available for sitting, eating and networking.				
1:00 – 1:50	System Firmware: the emerging malware battlefield View Presentation Jim Mann, HP	Guidance and Usage Scenarios for Implementers and Users of Software Identification Tags View Presentation Brant Cheikes, MITRE Corporation	Cyber Threat Intelligence – Lessons Learned Across Industry and Government View Presentation Bob Gourley, Partner, Cognito Corp.	FIPS 140, Quo Vadis? View Presentation Apostol Vassilev, NIST	
2:00 – 2:50	“The Whole Is Greater: Firmware Security Initiatives” View Presentation John Loucaides, Intel Sugumar Govindarajan, Intel	Making SWID Tags Successful in the Marketplace View Presentation Moderator: Brant Cheikes, MITRE Corporation Panelist: Eric Eskam, GSA Steve Klos, TagVault.org Joe Wolfkiel, DISA Brian Turner, IBM BixFix Development	A Funny Thing Happened on the way to OASIS: STIX/TAXII – From “Specifications” to “Standards” View Presentation Richard Struse, Chief Advanced Technology Officer, National Cybersecurity and Communications Integration Center (NCCIC), U.S. Department of Homeland Security	Cryptography for Future Cybersecurity Host: Tim Polk, OSTP Guests: View Presentation John Kelsey, NIST View Presentation Kerry McKay, NIST View Presentation Dustin Moody, NIST View Presentation Rene Peralta, NIST	Implement NIST Frameworks with RSA Archer Chris Hoover, RSA
3:00 – 3:30	BREAK / Expo				
3:30 – 4:20	Why TPM 2.0? Reasons for Upgrade; Use Cases for the Latest Release of the TPM Specification View Presentation Dave Challenger, Johns Hopkins University - Applied Physics Laboratory	TCG TNC: Automating End-to-End Trust View Presentation Lisa Lorenzin, Pulse Secure	Challenges and Opportunities in Cyber Information Sharing View Presentation John Wunder, Lead Cybersecurity Engineer, The MITRE Corporation	Derived PIV Credentials Proof of Concept Research View Presentation Jeff Cichonski, NIST Hildegard Ferraiolo, NIST Paul Fox, Microsoft Ryan Holley, Intercede	ABAC: Run-time Access Control for Federated Identities View Presentation William Fisher, NIST Roger Wigenstam, NextLabs

<p>4:30 – 5:30</p>	<p>Managing Encryption in Your Enterprise</p> <p>View Presentation Amy Nelson, Dell</p>	<p>Using Context to Allow for Better Security Automation</p> <p>View Presentation Michael Stone, NIST</p> <p>Collaborating on Security Automation for Continuous Diagnostics and Mitigation</p> <p>Tim McBride, NIST Martin Stanley, DHS</p>	<p>Case Studies in ISAC Information Sharing</p> <p>View Presentation Denise Anderson, Executive Director, National Health Information Sharing and Analysis Center</p>	<p>DevOps and Containers Security</p> <p>View Presentation Mike Bartock, NIST Paul Cichonski, Lancope John Morello, Twistlock Raghu Yeluri, Intel</p>	<p>Derived PIV Credentials Proof of Concept Research</p> <p>View Presentation Jeff Cichonski, NIST Paul Fox, Microsoft Ryan Holley, Intercede</p>
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Day 2: Thursday, September 10, 2015

8:00 – 8:30	Registration – Salons ABC Prefunction Area (Street Level)				
8:30 – 8:45	Remarks Matthew Scholl, Chief of the Computer Security Division, NIST				
8:45 – 9:30	KEYNOTE Michael Daniel, Special Assistant to the President and Cybersecurity Coordinator, The White House				
9:30 – 10:30	GENERAL SESSION: USG Research Focus View Presentation Host: Hemma Prafullchandra, Chief Technology Officer, HyTrust Guests: Doug Maughan, Director of the Cybersecurity Division, DHS S&T Lee Badger, Group Manager, NIST/ITL Computer Security Division Grant Wagner, Technical Director of Trusted Systems Research, NSA Greg Shannon, Office of Science and Technology Policy, The White House				
10:30 – 11:00	BREAK / Expo				
	Trusted Computing Room 204	Security Automation Room 202	Information Sharing Room 201	Research Room 206	Demonstration Room 203
11:00 – 11:50	Haven: Shielding applications from an untrusted cloud View Presentation Marcus Peinado, Microsoft Research Andrew Baumann, Microsoft Galen Hunt, Microsoft Research	Evolving Standards to Meet the Cyber Threat View Presentation Jessica Fitzgerald-McKay, NSA	SHARKSEER Overview View Presentation Ron Nielson, Technical Director/SHARKSEER Program Manager, Department of Defense	Overview of ITL's Public Safety Cybersecurity Efforts View Presentation Nelson Hastings, NIST Sheila Frankel, NIST	NIST Randomness Beacon and Entropy as a Service Prototypes View Presentation Larry Bassham, NIST Rene Peralta, NIST View Presentation Robert Staples, NIST Apostol Vassilev, NIST Harold Booth, NIST
11:50 – 1:00	Lunch on your own / Expo				

Food cart available in the registration area. The Exhibit Hall & Room 102 is available for sitting, eating, and networking.					
1:00 – 1:50	GlobalPlatform Root of Trust View Presentation Olivier Van Nieuwenhuysse, STMicroelectronics	Evolving Security Operations: Sharing and Mitigating at Net Speed Moderator: D. Renee Tarun, NSA Panelists: Dr. Peter Fonash, DHS Philip Quade, NSA	The Cyber Threat Intelligence Sharing Exchange Ecosystem Program View Presentation Dr. Eric Burger, Research Professor of Computer Science and Director of the Georgetown Site of the Security and Software Engineering Research Center I/UCRC, Georgetown University	Mobile Identity Management for Public Safety View Presentation Josh Franklin, NIST Kristen Greene, NIST Yee-Yin Choong, NIST	File-Sharing through ABAC for Secure Collaboration View Presentation David Ferraiolo, NIST Serban Gavrilă, NIST Gopi Katwala, NIST
2:00 – 2:50	Device Identity and Health Panel Jessica Fitzgerald-McKay, NSA Lisa Lorenzin, Pulse Secure Greg Kazmierczak, Wave Systems Steve Hanna, Infineon	IACD Assessment and Demonstration Results View Presentation Wende Peters, JHU APL	Crowdsourcing Intelligence - Friend or Foe?! View Presentation Ryan Trost, Co-Founder and CIO, ThreatQuotient, Inc.	Security Capabilities of LTE and Their Implementation View Presentation Mike Bartock, NIST Jeff Cichonski, NIST Josh Franklin, NIST	Graphic File Carving Tools Testing View Presentation Richard Ayers, Computer Scientist, NIST Jenise Reyes-Rodriguez, Computer Scientist, NIST
3:00 – 3:30	BREAK / Expo				
3:30 – 4:20	What's the Right Security for IoT View Presentation Steve Hanna, Infineon	NIST Security Automation Program Update View Presentation David Waltermire, NIST	DHS Automated Indicator Sharing (AIS) Initiative View Presentation W. Preston Wernitz, Chief, Technology Services Section, National Cybersecurity and Communications Integration Center (NCCIC), U.S. Department of Homeland Security	Public Safety Mobile Application Security View Presentation Michael Ogata, NIST	Firmware Integrity Verification, Monitoring and Reporting Tool with Mapping to NIST Guidelines View Presentation Robert Rounsavall, Trapezoid Inc. Michael Dyer, Trapezoid Inc.
4:30 – 5:30	Intel Identity Protection Technology View Presentation Hormuzd Khosravi, Intel	Security Automation and Continuous Monitoring in the IETF View Presentation Lisa Lorenzin, Pulse Secure	Threat-Based Cyber Operations Readiness View Presentation Dr. Lindsley Boiney, The MITRE Corporation	Usable Security at NIST View Presentation Mary Theofanos, NIST View Presentation Yee-Yin Choong, NIST	SARD: A Software Assurance Reference Dataset Paul Black, NIST

Day 3: Friday, September 11, 2015

8:00 – 8:30	Registration – Salons ABC Prefunction Area (Street Level)				
8:30 – 9:20	KEYNOTE: <i>Cybersecurity: Not Just a Sprint, a Marathon</i> View Presentation Tony Scott, Federal Chief Information Officer, Office of Management and Budget, The White House				
	Trusted Computing Room 204	Security Automation Room 202	Information Sharing Room 201	Research Room 206	Demonstration Room 203
9:30 – 10:20	Hardware Trust and Integrity – The First Step Toward Securing Computer Systems Yier Jin, University of Florida (presenter) <i>Additional credit to:</i> Mark Tehranipoor, University of Florida Swarup Bhunia, University of Florida Domenic Forte, University of Florida	The Cyber OODA Loop: How Your Attacker Should Help You Design Your Defense View Presentation Tony Sager Senior VP and Chief Evangelist for the Center for Internet Security	Sharing Actionable Windows Artifacts Using SCAP View Presentation Moderator: Steve Quinn, NIST Panelists: Tom Millar, US-CERT, DHS Ronald Nielson, Department of Defense Paul Green, G2, Inc. Jim Hanson, Cyber Engineering Services, Inc.	Perspectives on Augmenting Federal FISMA Practices with Cybersecurity Framework Host: Kevin Stine, NIST Guests: Matt Barrett, Ron Ross, and Adam Sedgewick, NIST	
10:20 – 10:35	BREAK				
10:35 – 11:25	Cryptographic Module Validation Program View Presentation Mike Cooper, Manager, Security Testing, Validation and Measurement Group, NIST	Developments in Community-Driven Automation Standards View Presentation Bill Munyan, The Center for Internet Security View Presentation David Ries, Joval Continuous Monitoring	DARPA ICAS - Developing a Rich, Open-source Cybersecurity Ontology to Assist Cyber Defenders in Hunting for Adversaries on Enterprise Networks Cancelled due to unexpected travel delays.	NIST Privacy Risk Management Framework View Presentation Sean Brooks, NIST	Sharing Actionable Windows Artifacts Using SCAP View Presentation Jim Hanson, Cyber Engineering Services, Inc. Brad Wood, G2, Inc

11:30 – 12:20	CLOSING KEYNOTE: <i>War Stories from the Cloud</i> View Presentation John Summers, Vice President Security Business Unit, Akamai Technologies
12:20-12:30	Closing Bill Newhouse, NIST, National Initiative for Cybersecurity Education (NICE), National Cybersecurity Center of Excellence (NCCoE)