

**Day 3**  
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**April 6, 2017**

# CYBER & INFORMATION SECURITY RESEARCH CONFERENCE 2017



7:30		Transportation Provided from Doubletree Hotel and the Comfort Inn to ORNL (Departing at 7:30 AM)			
8:00-8:30		Working Continental Breakfast / Networking / Tour Vendor Booths			
8:30-8:45		Conference Administrative Information			
8:45-9:45		Keynote Speaker: Mr. Robert Boshonek Technical Director, Navy Cyber Defense Operations Command (NCDOC)			
9:45-10:00		Break			
10:00-10:15		DOE Critical Infrastructure Cyber & Cyber Physical Security Introduction Mr. Hank S. Kenchington Dep Assistant Secretary, Cybersecurity & Emerging Threats Research & Development			
10:15-11:00		DOE Critical Infrastructure Cyber & Cyber Physical Security Panel Discussion Mr. Hank Ketchington, Deputy Under Secretary / Industry Representatives			
11:00-12:00		Working Lunch - Conference Room C (Tour Vendor Technology Booths)			
12:00-1:00		Plenary Speaker: Kerry Long Program Manager, Cyber Security, Intelligence Advanced Research Projects Activity (IARPA)			
1:00-1:15		Break			
		Conference Room A	Conference Room B	Emory Room	Cumberland Room
		Academic Research Peer Review Papers Presentation	DHS Transition To Practice Demonstration		Industry Technical Research Presentation Not-Peer Reviewed
		Chair: Dr. Jason Laska	Chair: Dr. Nadia Carsten	Chair: Ms. Amelia Brown	Chair: Dr. Jeff Nichols
1:15-1:35	1:15-1:45	Selecting the Minimal Set of Preferred Responses To Counter Detected Intrusions: Maheedhar Gunasekharan, Samik Basu and Ganesh Ram Santhanam.	DHS TIP Technology Presentation Scalable Reasoning System (SRS) Rick Riensche, PNNL	DHS TIP Technology Presentation Policy Enforcement and Access Control for End-points (PEACE) Craig Shue, Worcester Polytechnic Institute	Dell's Perspective on Endpoint Security Technology Integration Group
1:45-2:05	1:45-2:15	Automatic Generation of Network Element Software (AGNES): Christopher Rauff, Douglas Williams, Qingqing Zhang, Daniel Bennett, Raymond McDowell, Anthony Nowicki, Aaron Pendergrass, Daniel Anderson, Robert Douglass, Bradley Dufresne, Jonathan Pham	DHS TIP Technology Presentation Silent Alarm Joel Doehe, PNNL	DHS TIP Technology Presentation DDNR: Dynamic Defense & Network Randomization Adrian Chavez, SNL	Industry Technical Research Presentation Not-Peer Reviewed
2:15-2:35	2:15-2:45	Alleviating Eavesdropping Attacks in Software-Defined Networking Data Plane: Ahmad Aseer, Nuttapong Netjinda and Rafikorn Hewett	DHS TIP Technology Presentation Policy Enforcement and Access Control for End-points (PEACE) Craig Shue, Worcester Polytechnic Institute	DHS TIP Technology Presentation Scalable Reasoning System (SRS) Rick Riensche, PNNL	Hunting or Monitoring - A Role for Machine Learning in Threat Detection Elastic
2:45-3:05	2:45-3:15		DHS TIP Technology Presentation DDNR: Dynamic Defense & Network Randomization Adrian Chavez, SNL	DHS TIP Technology Demonstration Situ: Discovering and Explaining Suspicious Behavior John Goodall, ORNL	Data Centric Security through Digital Rights Management Adobe
3:15-3:30		Networking Break			
		Conference Room A	Conference Room B	Emory Room	Cumberland Room
		Academic Research Peer Review Papers Presentation	DHS Transition To Practice Demonstration		Industry Technical Research Presentation Not-Peer Reviewed
		Chair: Dr. Jason Laska	Chair: Dr. Nadia Carsten	Chair: Ms. Amelia Brown	Chair: Dr. Jeff Nichols
3:30-3:50	3:30-4:00	UTB-SOI Based Adiabatic Computing for Low-Power and Secure IoT Devices: Himanshu Thapliyal, Sai Subramanya Varun Thogarechelli and S. Dinesh Kumar * Best Paper Nominee	DHS TIP Technology Demonstration CPAD: Cyber Physical Attack Detection Erik Ferragut, ORNL	DHS TIP Technology Presentation Silent Alarm Joel Doehe, PNNL	Internet of Things ForeScout Technologies Andy Gray
3:45-4:05	4:00-4:30	Applications of Elliptic Curve Cryptography: Russell Harkanson and Yoohwan Kim * Best Paper Nominee	DHS TIP Technology Demonstration Situ: Discovering and Explaining Suspicious Behavior John Goodall, ORNL	DHS TIP Technology Demonstration Akalosh: System for near real-time automated malware impact analysis and recovery Jared Smith, ORNL	Industry Technical Research Presentation Not-Peer Reviewed
4:15-4:35	4:30-5:00	Multi Asymmetric Cryptographic RSA Scheme: Ahmad Mansour, Andrew Davis, Matthew Wagner, Richard Bassous, Ye Zhu and Huirong Fu * Best Paper Nominee	DHS TIP Technology Demonstration Akalosh: System for near real-time automated malware impact analysis and recovery Jared Smith, ORNL	DHS TIP Technology Demonstration CPAD: Cyber Physical Attack Detection Erik Ferragut, ORNL	Industry Technical Research Presentation Not-Peer Reviewed
5:00		13th CISR Conference 3-5 April 2018			
5:00-5:30		TRANSPORTATION TO DOUBLE TREE HOTEL AND COMFORT INN			