

Global Summit 2017 - CINC UP: Cybersecurity Research Acceleration Workshop & Showcase

Global Summit 2017: CINC UP: Cybersecurity Research Acceleration Workshop & Showcase - Wednesday, April 26, 2017

Session Abstract - Join us for an interactive discussion to determine how – working together – we can accelerate Transition To Practice (TTP) of cybersecurity research into operational environments. We will begin the afternoon with cybersecurity research relevant to Internet2's top two priorities of advanced networking plus trust & identity. We will also have cybersecurity research related to cloud security, and innovation areas like smart grid and IoT.

NSF-funded cybersecurity researchers will be presenting their work to practitioners who would provide valuable feedback, and pursue potential pilot opportunities. "Practitioners" can include IT, networking, security, and research professionals. Additionally, workshop participants will discuss cybersecurity needs today and into the future. This meeting is supported by the NSF Cybersecurity Transition-To-Practice Acceleration EAGER Grant #1650445.

Agenda - Wednesday, April 26 - 12:30pm - 5:30pm

12:30-12:45	Goals and Approach for Cybersecurity Research Transition to Practice Acceleration	Florence Hudson, Internet2 Anita Nikolich, NSF
12:45-1:00	University CIO Perspective on Leveraging Cybersecurity Research	Bruce Maas, University of Wisconsin-Madison
	Identity & Access Management and Network Security	
1:00-1:15	CILogon 2.0 - An Integrated Identity and Access Management Platform for Science Poster on CILogon 2.0 Provide feedback on Jim's cybersecurity research: http://bit.ly/JimBasney	Jim Basney, University of Illinois at Urbana-Champaign
1:15-1:30	Passive and Active DNS Monitoring Tools for Detecting and Tracking the Evolution of Malicious Domain Names Poster on Active DNS Monitoring Tools for Detecting and Tracking the Evolution of Malicious Domain Names Provide feedback on Roberto's cybersecurity research: http://bit.ly/RobertoPerdisci	Roberto Perdisci, University of Georgia
1:30-1:45	Data-Driven Cyber Vulnerability Maintenance Provide feedback on Ted's cybersecurity research: http://bit.ly/TedAllenTTP	Ted Allen, Ohio State University
1:45-2:00	Mitigating Insider Attacks in Provenance Systems Provide feedback on Christian's cybersecurity research: http://bit.ly/ChristianCollberg	Christian Collberg, University of Arizona
	Smart Grid	
2:00-2:15	Cyber-Attack and Mitigation Demos for Wide-Area Control of Power Grids Poster on Cyber-Attack & Mitigation Demos for Wide-Area Control of Power Grids Provide feedback on Aranya's cybersecurity research: http://bit.ly/AranyaChakraborty	Aranya Chakraborty, North Carolina State University
2:15-2:30	Discussion	
2:30-3:00	BREAK	POSTER SESSION & NETWORKING
	Cloud Security & Storage	
3:00-3:15	A Campus Pilot For A Privacy-Enabled Cloud Storage, Search, and Collaboration Portal for Education Provide feedback on Radu's cybersecurity research: http://bit.ly/RaduSion	Radu Sion, SUNY Stony Brook
	Data Analytics & Security	
3:15-3:30	A Kit for Exploring Databases Under the Hood for Security, Forensics and Data Poster on Kit for Exploring Databases Under the Hood for Security, Forensics & Data Provide feedback on Alex's cybersecurity research: http://bit.ly/AlexRasin	Alex Rasin, DePaul University
3:30-3:45	A Distributed Visual Analytics Sandbox for High Volume Data Streams Provide feedback on Raju's cybersecurity research: http://bit.ly/RajuGottumukkala1	Raju Gottumukkala, University of Louisiana-Lafayette

3:45-4:00	Discusson	
4:00-4:30	BREAK	POSTER SESSION & NETWORKING
	Internet of Things	
4:30-4:45	Cybersafety of Electric Vehicles and EVSE Equipment Provide feedback on Raju's cybersecurity research: http://bit.ly/RajuGottumukkala2	Raju Gottumukkala, University of Louisiana-Lafayette
4:45-5:00	Hardware based Authentication and Trusted Platform Module functions (HAT) for IoTs Provide feedback on Fareena's cybersecurity research: http://bit.ly/FareenaSaqib	Fareena Saqib, Florida Institute of Technology
5:00-5:15	Toward Ethical Intelligent Autonomous Systems, A Case-Supported Principle-Based Behavior Paradigm Poster on Toward Ethical Intelligent Autonomous Systems, A Case-Support Principle-Based Behavior Paradigm Provide feedback on Michael's cybersecurity research: http://bit.ly/MichaelAndersonTTP	Michael Anderson, University of Hartford
5:15-5:30	Discussion/Closing	Florence Hudson, Internet2 Emily Nichols, Internet2