

Program Agenda

2015 NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure

August 17 - August 19 Westin Arlington Gateway Arlington, Virginia

<http://trustedci.org/2015summit/>

Updated August 14, 2015

Program Committee: Steve Barnet, Tony Baylis, Mike Corn, Barb Fossum, Ardoth Hassler
Organizers: Amy Starzynski Coddens, Leslee Cooper, Craig Jackson, James Marsteller, Susan Sons, Von Welch

Training Day

Monday, August 17, 2015

<http://trustedci.org/2015training/>

- 7:00am Registration and Continental Breakfast (Hemingway Pre-Function)
- 8:00am Morning and All Day Training Sessions Begin
- Bro Platform Training Workshop
 - Developing Cybersecurity Programs for NSF Projects
 - Vulnerabilities, Threats, and Secure Coding Practices
 - Industrial Control Systems, Networking, and Cybersecurity
- 10:00am *Coffee Break*
- 10:30am Training Sessions Resume
- 12:00pm *Lunch provided*
- 1:00pm Afternoon Training Sessions Begin and All Day Training Sessions Resume
- Bro Platform Training Workshop (continued)
 - Developing Cybersecurity Programs for NSF Projects (continued)
 - Aligning your Research Cyberinfrastructure with HIPAA and FISMA
 - Incident Response Training
- 3:00pm *Coffee Break*
- 3:30pm Training Sessions Resume
- 5:00pm Sessions End
- Evening: *Dinner on your own*

Plenary Session
Tuesday, August 18, 2015
F. Scott Fitzgerald C

- 7:00am Sign-In and Continental Breakfast (Pre-Function AB)
- 8:00am Welcome and Goals (Jim Marsteller)
- 8:10am NSF Address: Bill Miller, Science Advisor, Division of Advanced Cyberinfrastructure (ACI)
- 8:30am Keynote Address: George Strawn, "Science or Security"
- 9:30am A historical perspective on addressing cyber-security in NSF supported communities (Cliff Jacobs)
- 10:00am *Coffee Break*
- 10:30am Trustworthy Computational Science (Von Welch)
- 11:00am Case Study:
Cyber Security Challenges Facing the Large Synoptic Survey Telescope (Alexander Withers)
- 11:45am Lunch and Table Topics - *Lunch provided*
- 1:15pm Panel: "The Anatomy of a Data Breach"
Moderator: Amy Northcutt, NSF CIO
Panelists:
Susan Ramsey (UCAR)
Karen Stocks, PhD (Scripps Institution of Oceanography)
Scott Sakai (SDSC)
- 2:15pm *Coffee Break*
- 2:45pm Dealing with Cyberthreats: A European Perspective (Romain Wartel, Liviu Valsan)
- 3:30pm Beyond Security and Privacy: Trust and the Value of Data (Kent Wada)
- 4:30pm Open Discussion / Summary of the Day's Findings
(Von Welch, Craig Jackson, Jim Marsteller)
- 5:00pm *Adjourn for the Day*
- Evening: *Dinner on your own.*
Informal Dinner Gathering at World of Beer, 901 N. Glebe Rd., 6:30pm

Plenary Session (continued)

Wednesday, August 19, 2015

F. Scott Fitzgerald C

- 7:00am Sign-In and Continental Breakfast (Pre-Function AB)
- 7:50am Welcome Back (Jim Marsteller)
- 8:00am “Privacy and Big Data: A New Frontier for Research Cyberinfrastructure”
Jeffrey Collman, Georgetown University
Doug Richardson, Association of American Geographers
Moderator: Ardoth Hassler
- 9:00am Risks of Infrastructure Neglect and the Road Ahead (Dave Nalley, Amar Takhar)
- 10:00am *Coffee Break*
- 10:30am “Understanding the Information Assets that Enable Science: Some Thoughts about Operational - Technologies and the Internet of Things in Antarctica” (Tim Howard, National Science Foundation)
- 11:30am Open Discussion / Summary of Summit Findings
(Von Welch, Craig Jackson, Jim Marsteller)
- 12:00pm Adjourn