

Program Agenda

2016 NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure

August 16 - August 18 Westin Arlington Gateway Arlington, Virginia

<http://trustedci.org/2016summit>

Updated August 17, 2016

PC: Steve Barnet, Tony Baylis, Mike Corn, Barb Fossum, Ardoth Hassler, Susan Ramsey, George Strawn

Organizers: Leslee Cooper, Ryan Kiser, Jim Marsteller, Susan Sons, Jim Basney, Amy Starzynski Coddens, Von Welch

Training Day

Tuesday, August 16, 2016

<http://trustedci.org/2016training/>

- 8:00am Registration and Continental Breakfast (Pre-Function Hemingway)
- 9:00am Morning and All Day Training Sessions Begin
- Log Analysis Training with CTSC and Bro
 - Federated Identity Management for Research Organizations
 - REN-ISAC Cyberthreat Training (30 Minute Intro) / Developing Cybersecurity Programs for NSF Projects
 - Building a NIST Risk Management Framework for HIPAA and FISMA Compliance
 - Secure Coding Practices and Automated Assessment Tools
- 11:00am *Coffee Break*
- 11:30am Training Sessions Resume
- 1:00pm *Lunch provided*
- 2:00pm Afternoon Training Sessions Begin and All Day Training Sessions Resume
- Log Analysis Training with CTSC and Bro
 - Federated Identity Management for Research Organizations
 - Securing Legacy Industrial Control Systems
 - Building the Modern Research Data Portal Using the Globus Platform
 - Secure Software Engineering Best Practices
- 4:00pm *Coffee Break*
- 4:30pm Training Sessions Resume
- 6:00pm Sessions End
- Evening: *Dinner on your own*

Plenary Session
Wednesday, August 17, 2016
F. Scott Fitzgerald AB

- | | |
|----------|---|
| 8:00am | Sign-In and Continental Breakfast (Pre-Function AB) |
| 9:00am | Welcome and Goals (Jim Marsteller) |
| 9:10am | NSF Address: Irene Qualters, Division Director: ACI |
| 9:30am | Keynote Address: Peter Kuper |
| 10:30am | NSF Cybersecurity Center of Excellence (Von Welch) |
| 11:00am | <i>Coffee Break</i> |
| 11:30am | Security at the Texas Advanced Computing Center (Nathaniel Mendoza, Patrick Storm) |
| 12:00pm | Gemini Observatory Cybersecurity Program (Chris Morrison, Tim Minick) |
| 12:30pm | Security at LIGO (Abe Singer) |
| 1:00pm | Lunch and Table Topics - <i>Lunch provided</i> |
| 2:30pm | The Science DMZ as a Security Architecture (Michael Sinatra) |
| 3:00pm | Cybersecurity Budgeting (Scott Russell, Craig Jackson, Bob Cowles) |
| 3:30pm | Provenance Based Security: Toward Building Provenance-Aware Secure Systems (Ragib Hasan) |
| 4:00pm | <i>Coffee Break</i> |
| 4:30pm | Computing Grid Access with Federated Identity (Mine Altunay, Dave Dykstra) |
| 5:00pm | Using Globus Authorization to Streamline the Creation, Integration, and Use of Research Services (Ian Foster, Lee Liming, Steve Tuecke) |
| 5:30pm | Open Discussion / Summary of the Day's Findings (Jim Marsteller / Von Welch) |
| 6:00pm | Dismissal |
| Evening: | <i>Dinner on your own.</i>
<i>Informal Dinner Gathering at TBD</i> |

Plenary Session (continued)

Thursday, August 18, 2016

F. Scott Fitzgerald AB

- 8:00am Sign-In and Continental Breakfast (Pre-Function AB)
- 8:50am Welcome Back (Jim Marsteller)
- 9:00am Panel: "FBI Case 216 Retrospective Panel"
Moderator: Jamie Allan, Program Director - Ocean Drilling Program, NSF
Panelists:
RuthAnne Bevier (Caltech)
Clifford Jacobs (Clifford A. Jacobs Consulting, LLC)
Victor Hazlewood (University of Tennessee)
Adam Slagell (NCSA)
- 10:00am GENI Cybersecurity: Mechanism, Policies and Procedures (Vicraj Thomas)
- 10:30am Strengthening Trustworthy Science: Ideas for Adapting NIST Risk Management Framework to the NSF Cooperative Agreement for Large Facilities (Tim Howard, Steve Barnett)
- 11:00am *Coffee Break*
- 11:30am Compliance Panel: FISMA, FERPA, and HIPAA, Oh My! (Susan Ramsey, Anurag Shankar)
- 12:00pm Open Discussion / Summary of Summit Findings (Von Welch, Jim Marsteller)
- 12:30pm Adjourn