Program Agenda
2017 NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure
August 15 - August 17   Westin Arlington Gateway   Arlington, Virginia
https://trustedci.org/2017nsfsummit/
Updated August 11, 2017

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

Organizers: Diana Borecky, Leslee Bohland, Ryan Kiser, Mark Krenz, Jim Marsteller, Amy Starzynski Coddens, Von Welch

---

Training Day
Tuesday, August 15, 2017
https://trustedci.org/2017training/

8:00am   Registration and Continental Breakfast (Pre-Function Hemingway)

9:00am   Morning and All Day Training Sessions Begin
- WISE Community: WISE Information Security for Collaborating E-Infrastructures
- Federated Identity Management for Research Organizations
- Security Log Analysis Training
- Legacy Industrial Control Systems - Secure / Replace / Ignore?
- Handling Regulated Government Data, Protected Health Information, and CUI
- Digital Forensics and Incident Response

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
- WISE Community: WISE Information Security for Collaborating E-Infrastructures
- Federated Identity Management for Research Organizations
- Shared Intelligence Platform for Protecting our National Cyberinfrastructure
- Rebuilding a Plane in Flight: Refactors Under Pressure
- Developing Cybersecurity Programs for NSF Projects
- Automated Assessment Tools - Theory & Practice

4:00pm   ***Coffee Break***

4:30pm   Training Sessions Resume

6:00pm   Sessions End

Evening: ***Dinner on your own***

Plenary Session

7:45am   Sign-In and Continental Breakfast (Pre-Function AB)

8:30am   Welcome and NSF Address (Jim Marsteller / Irene Qualters)

9:00am   Keynote #1: Jeff Spies - ***"A Workflow-Centric Approach to Increasing Reproducibility and Data Integrity"***

10:00am   CCoE Update (Von Welch)

10:30am   ***Coffee Break***

11:00am   From Bare Metal to Virtual: Lessons Learned when a Supercomputing Institute Deploys its First Cloud (Evan F. Bollig)

11:30am   Cornell Red Cloud: Campus-based Hybrid Cloud Computing

12:00pm   Panel: Cybersecurity in the Face of Overwhelming Threats
                Moderator: Von Welch (Indiana University, CTSC)
                Panelists:
                        Michael Corn (UCSD)
                        Anita Nikolich (NSF)
                        Kim Milford (REN-ISAC)

1:00pm   Lunch and Table Topics - ***Lunch provided***

2:30pm   HTCondor (Todd Tannenbaum)

3:00pm   Panel: Strategies to Develop a Diverse and Inclusive Cybersecurity Pipeline
                Moderator: Tony Baylis
                Panelists:
                        Aurelia Williams (Norfolk State University)
                        Victor Piotrowski (NSF)
                        Rodney Petersen (NIST)
                        Ambareen Siraj (Tennessee Tech University/WiCyS)

4:00pm   ***Coffee Break***

4:30pm   Beyond the Beltway: The Problems with NIST's Approaches to Cybersecurity and Alternatives for NSF Science (Craig Jackson, Bob Cowles, Scott Russell)

5:00pm   Finding Your Way in the Dark: Security from First Principles (Susan Sons)

5:30pm   Open Discussion / Summary of the Day's Findings (Jim Marsteller / Von Welch)

6:00pm   Dismissal

Plenary Session (continued)

7:45am   Sign-In and Continental Breakfast (Pre-Function AB)

8:30am   Keynote #2: Marjory Blumenthal - ***"Data, data, everywhere—how shall we live with it?"***

9:30am   Panel: Cloud Security & NSF Partnerships with Cloud Providers
Moderator: Susan Ramsey
Panelists:
       Susie Adams (Azure/Microsoft)
       Mark Ryland (AWS)
       Matthew O'Connor (Google)

10:30am   ***Coffee Break***

11:00am   The Applicability of HPC for Cyber Situational Awareness (Leslie Leonard)

11:30am   Internet2 NOC Risk Assessment (Paul Howell)

12:00pm   Open Discussion / Summary of Summit Findings
(Von Welch, Jim Marsteller)

12:30pm   Adjourn