Program Agenda
2020 Virtual NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure
Updated August 21, 2020
All Times Listed in Eastern Daylight Time (EDT)

Program Committee Members: Jim Marsteller (Chair), Mike Corn, Jeannette Dopheide, John Haverlack, Chris Morrison, Anita Nikolich, Helen Patton, Aunshul Rege, Valerie Vogle, Aurelia Williams
Organizers: Leslee Bohland, Diana Cimmer, Austin Cushenberry, Kelli Shute, Von Welch

Training Day
Tuesday, September 22, 2020

1:00pm Afternoon Training Sessions Begin
• Tackling Cybersecurity Regulations: DARS, CMMC, HIPAA, FISMA, and GDPR (Anurag Shankar, Erick Deumens, Gabriella Perez, Scott Russell)
• Security Log Analysis (Mark Krenz, Ishan Abhinit)
• Developing Cybersecurity Programs to Support NSF Science (Craig Jackson, Bob Cowles)
• Leveraging AI/ML for SOC Threat Hunting and Incident Investigation (Jay Yang, Ryan Kiser, Emily Adams, Scott Orr)
• Web Security and Automated Assessment Tools-Theory & Practice (Bart Miller, Elisa Heymann)

Pre-Recorded Trainings (available beginning September 15th)
• Both Sides of the Looking Glass: how vulnerability scanning and honeypots can work together in proactive cybersecurity operations (Richard Biever; Ken Goodwin)
• Using a Digital Forensics Tool to Analyze ENRON data (Ebru Cankaya)
• Foundations of Secure CI (Ciprian Popoviciu; Samir Tout; Iola Killey)

5:00pm Sessions End

Plenary Session
Wednesday, September 23, 2020

1:00pm Welcome/NSF Address
1:30pm Keynote: Disinformation (Kate Starbird)
2:30pm Break
2:45pm Trusted CI State of the Union (Von Welch)
3:15pm Collaboration as a Service-Supporting virtual Research Organizations forming at the speed of threat” (Matthew Economou, Kyle Lewis)
3:45pm  Gemini’s Policy Laxative (Jerry Brower)

4:15pm  Break

4:45pm  Build a cybersecurity culture with tabletop security exercises. (Josh Drake)

5:15pm  Community Social

**Plenary Session (continued)**
*Thursday, September 24, 2020*

1:00pm  Trust Coordination for Research Collaboration in the era of the European open Science Cloud (David Groep)

1:30pm  Speak their language: Make cybersecurity make sense for executive leadership (Susan Sons)

2:00pm  Lightning talks /Q&A with instructors for recorded trainings

2:30pm  Break

2:45pm  Trusted CI Fellows Panel (Dana Brunson, Jerry Perez, Laura Christopherson, Luanzheng Guo, Songjie Wang, Smriti Bhatt, Tonya Davis)

3:15pm  Two Community Surveys on Data Integrity Issues in Scientific Computing (Jim Basney, Sean Peisert)

3:45pm  Break

4:00pm  Sharing Expertise and Artifacts for Reuse through Cybersecurity Community Hub (SEARCCH) (David Balenson)

4:30pm  Open Discussion/Summary of Summit Findings

5:00pm  Adjourn

**Pre-Recorded Plenary Talks**
*(available beginning September 15th)*

- Protecting the Routing Cyberinfrastructure through Machine Learning and Statistical Analysis (Pablo Moriano)
- Cybersecurity is a Team Sport (Susan Frank)
- Client Tools for Transitioning from X.509 to Oauth2 Access Credentials (Dave Dykstra)