# 2023 NSF Cybersecurity Summit Agenda

October 23-26, 2023

---

All times are listed in Pacific Standard Time.

Talks that will be live-streamed for remote participants are highlighted by a Green Background

**Early check-in will be available at Hotel Shattuck on Sunday, Oct 22, from 4-6 pm.**

| DAY 1 Monday, October 23, 2023 \| Workshops/Trainings | | | | |
|---|---|---|---|---|
| | **Track 1** | **Track 2** | **Track 3** | **Track 4** |
| 8:00AM | *Sign-In and Continental Breakfast* | | | |
| 9:00AM–1:00PM (Refreshment break at 10:30) | **Zeek Training: Hands-on Zeek Scripting (In-Person Only)** | **Zeek Training: Intermediate to Zeek (In-Person Only)** | **Jupyter Security Workshop (In-Person Only)** | |

| | | | | |
|---|---|---|---|---|
| | (Aashish Sharma)<br><br>**Room 59-3101** | (Fatema Bannat-Wala, Christian Kreibich and Keith Lehigh)<br><br>**Room 59-4102** | (Rick Wagner)<br><br>**Auditorium- 50** | |
| 1:00–2:00PM | *Lunch    59-Patio* | | | |
| 2:00 PM–5:00 PM (Refreshment break at 3:30) | **Zeek Training: Hands-on Zeek Scripting (In-Person Only)** | **Zeek Training: Intermediate to Zeek (In-Person Only)** | **Jupyter Security Workshop (In-Person Only)** | **WISE Community Workshop (In-Person Only)**<br><br>(David Kelsey & David Crooks)<br><br>**Room 59-3104** |

---

| DAY 2 | Tuesday, October 24, 2023 \| Plenary and Workshops/Trainings |
|---|---|
| 7:00 AM | *Sign-In and Continental Breakfast \|  Auditorium-50* |
| 8:00 AM | **Welcome & NSF Address** (Rob Beverly) \| *Auditorium-50* |
| 8:25 AM | **NSF Cybersecurity Advisor For Research** (Michael Corn) \| *Auditorium-50* |
| 8:50 AM | **Berkeley & ESNet Welcome** (Sean Peisert and Adam Slagell) \| *Auditorium-50* |
| 9:05 AM | **Trusted CI Update** (Jim Basney) \| *Auditorium-50* |
| 9:30 AM | **Keynote: "Social Engineering Manifestations as Ransomware Attacks Unfold" - Dr. Aunshul Rege**<br><br>*Auditorium-50* |
| 10:30 AM | *Refreshment Break \| Auditorium-50* |
| 11:00 AM | **Plenary Session \| Implementing NIST 800-171 in a both decentralized and centralized environment** (Laura Elkin) \| *Auditorium-50* |
| 11:30 AM | **Plenary Session \| Unmasking Shadows: Investigating MICI-BICA, an Incident Involving IRC-Based Malware Deployment, Rootkit Stealth, and Self-Hiding Cryptominers** (Pau Cutrina Vilalta & Romain Wartel) *Auditorium-50* |

| 12:00 PM | **Plenary Session \| Black Hole Locker Ransomware : Affiliate program** (Romain Wartel & Pau Cutrina) *Auditorium-50* | | |
| --- | --- | --- | --- |
| 12:30–2:00 PM | *Lunch \| 59-Patio* | | |
| | **Track 1** | **Track 2** | **Track 3** |
| 2:00–5:00 PM (coffee break at 3:30) | **Securing your Code with Better Coding Practices and Tools (In-Person Only)** (Bart Miller and Elisa Heymann) **Auditorium-50** | **Jupyter Network Monitoring with Zeek Workshop (In-Person Only)** (Rick Wagner, Christian Kreibich, Fatema Bannat Wala) **Room 59-3101** | **Security intrusion at the Zebra Scientific Alliance (In-Person Only)** (Romain Wartel) **Room 59-4101 + 59-4102** |

| 5:30-7:30 PM | Social night Residence Inn Study Hall Rooftop 2121 Center St. |
| --- | --- |

# DAY 3  |  Wednesday October 25, 2023 | Plenary and Workshops / Trainings / BoFs / Project Mtgs

| 7:00 AM | *Sign-In and Continental Breakfast \| Auditorium-50* | | | |
| --- | --- | --- | --- | --- |
| 8:00 AM | **Plenary Session \| Principles of Decentralized Cyberinfrastructure** (John Haverlack) \| *Auditorium-50* | | | |
| 8:30 AM | **Plenary Session 5 \| (TBA)** *Auditorium-50* | | | |
| 9:00 AM | **Plenary Session 6 \| (TBA)** *Auditorium-50* | | | |
| | **Track 1** | **Track 2** | **Track 3** | **Track 4/Project Meetings** |
| 9:30 am–12:30 PM (coffee break at 10:30) | **Deep Machine Learning for Intrusion Detection in Cyber-Physical Critical Infrastructures** (Muhammad Ismail) | **Physical Security is Important Um'k** (Adrian Crenshaw, Susan Sons) **Room 59-4102** | **Regulatory Compliance for Research: DFARS/CMMC, HIPAA, GDPR, NSPM-33** (Anurag Shankar, Will Drake, Tim Daniel, Scott Russell) **Room 59-3101** | **SAFER Member Meeting (Members Only)** **Room 59-3104** |

| | | | | |
|---|---|---|---|---|
| | *Auditorium-50* | | | |
| 12:30–2:00 PM | *Lunch* \| 59- Plaza | | | |
| 2:00 PM | **Catch Me If You GPT: Tutorial on Deepfake Texts**<br><br>(Adaku Uchendu, Thai Le, Dongwon Lee)<br><br>Auditorium-50 | **BOF: Research Security Compliance collaborations to support PI research (In-Person Only)**<br><br>(Laura Elkin, Lauren Schroeder, Maria Bunch)<br><br>Room 59-4102 | **The Trusted CI Framework: Strategies for Getting Started (In-Person Only)**<br><br>(Scott Russell, Craig Jackson)<br><br>Room 59-3101 | **ACCESS CONECT Cybersecurity Group and invited guests. (2:00-4:00 PM)**<br><br>(Derek Simmel)<br><br>Room 59-3104 |
| 3:30 PM | *Refreshment Break* | | | |
| 4:00 PM | **Catch Me If You GPT: Tutorial on Deepfake Texts**<br><br>(Adaku Uchendu, Thai Le, Dongwon Lee) | **BoF: NICE Workforce Framework Adoption: Cybersecurity Teaching Innovations**<br><br>(Lori Sussman)<br><br>Room 59-4102 | **The Trusted CI Framework: Strategies for Getting Started (In-Person Only)**<br><br>(Scott Russell, Craig Jackson) | **SAFER Member Meeting CONTINUED (Members Only)** |
| 5:00 PM | *Conclude* | | | |

---

| | | | |
|---|---|---|---|
| **DAY 4** \| Thursday October 26 - Plenary and Workshops/Trainings/BoFs | | | |
| 7:00 AM | *Sign-In and Continental Breakfast* \| Lobby-59 | | |
| | **Track 1** | **Track 2** | **Track 3** |

| | | | |
|---|---|---|---|
| 8:00 AM | **[TLP:RED] How we failed to handle a triple-combo attack against the R&E HPC community worldwide...in the middle of a pandemic (In-Person Only)**<br><br>(Romain Wartel)<br><br>*Auditorium-50* | **Trusted CI Framework Community of Practice (CoP) Quarterly Meeting (8:00 – 11:00 AM) (CoP members only)**<br><br>(Ranson Ricks)<br><br>Room 59-4102 | **Security Log Analysis (8:00 – 11:00 AM) (In-Person Only)**<br><br>(Mark Krenz, Ishan Abhinit)<br><br>Room 59-3101 |
| 8:30 AM | **[TLP:RED] Monero mining, with love, from space (In-Person Only)**<br><br>(Romain Wartel)<br><br>*Auditorium-50* | | |
| 9:00 AM | **[TLP:RED] Reserved (In-Person Only)**<br><br>*Auditorium-50* | | |
| 9:30 AM | **[TLP:RED] Reserved (In-Person Only)**<br><br>*Auditorium-50* | | |
| 10:00 AM | **[TLP:RED] Reserved (In-Person Only)**<br><br>*Auditorium-50* | | |
| 10:30 AM | **pDNSSOC: Correlating DNS logs with threat intel from MISP as a poor man's SOC. (10:30–12:00 PM)**<br><br>(Romain Wartel and Pau Cutrina Vilalta)<br><br>*Auditorium-50* | | |
| 11:00 AM | | **Panel Session | Experiences from SIO (CCRV) and OSU (RCRVs) in Cybersecure-by-Design Ship Design and Construction (11:00 AM–12:00 PM)**<br><br>(Sean Peisert)<br><br>Room 59-3101 | |
| 12:00–1:30 PM | *Lunch*<br>*Plaza 59* | | |
| 1:30 PM | **Plenary Session |** US Academic Research Fleet (ARF) Cyber Risk Management Program (CRMP) (Mikeal Jones) | *Auditorium-50* | | |
| 2:00 PM | **Plenary Session |** Cyber Forensics In Everyday Business (Chris Lauderbaugh) | *Auditorium-50* | | |

| | |
|---|---|
| 2:30 PM | **Poster Session / Ice Cream Break / Refreshments \| Lobby-59** |
| 3:30 PM | **Plenary Session \| Trusted CI Fellows Panel** (Rick Wagner) **\|** *Auditorium-50* |
| 4:00 PM | *Plenary Session* **\| Conference Round-up** (Open mic for comments on recent conferences such as: PEARC, NIST HPC Security, NSF Research Infrastructure Workshop) \| *Auditorium-50* |
| 4:30 PM | **Summit observations and feedback \|** *Auditorium-50* |
| 5:00 PM | *Adjourn* |