



SUSHI@NIST: Rolling Next-Generation Secure Hardware into Standards

National Cybersecurity Center of Excellence (NCCoE) - Rockville, MD
January 28, 2026



8:30 NIST Safety Briefing
Jay Rekhi, NIST

8:35 Welcome and Introduction to NIST
Jim St. Pierre, NIST

08:50 Opening Remarks by Organization Committee
Ahmad-Reza Sadeghi, TU Darmstadt

Session 1

Chair: Ahmad-Reza Sadeghi, TU Darmstadt

09:00 A Roadmap Towards Scalable Security Assurance
Jason Fung, Intel

09:30 Security in Memory and Storage
Tamara Schmitz, Micron

10:00 Hardware Attacks on AI Inference Chips
Marc Witteman, *Keysight*

10:30 BREAK

Session 2

Chair: Jeyavijayan Rajendran, Texas A&M

10:45 NIST Semiconductor Standards Activities
Mary Bedner, *NIST*

11:15 NSF/CISE Security, Privacy, and Trust in Cyberspace (SaTC 2.0)
Selcuk Uluagac, *NSF*

11:45 Standards-Based Assurance for Trusted Electronics
Jim Will, *USPAE*

12:00 LUNCH

Session 3:

Chair: Jay Rekhi, NIST

13:00 AI Provenance and Traceability
Jeremy Muldavin, *Cadence*

13:30 The Fundamentals of Semiconductor & Hardware Security for an AI World
Reed Hinkel, *Synopsys*

14:00 Siemens Tessent
Lee Harrison, *Siemens*

14:30 BREAK

14:45 Government Panel

Moderator: Christine Rink, MITRE

Panelists: Qiaoyan Yu (NSF), Jim Will (USPAE), Robert Aitken (CHIPS), Eric Eilertson (Microsoft), Robert Watson (University of Cambridge)

15:45 Breakout Sessions

- **Challenges in adopting hardware security in semiconductors**,
Moderators: Cvitan, Sandra (CHIPS)
- **Secure Lifecycle Management**, Moderator: Matthew Arenó (Rickert-Arenó Engineering, LLC)
- **Emerging Threats**, Moderator: Jason Fung (Intel)

16:45 Closing Remarks

17:00 End of Workshop