IEEE INTERNATIONAL SYMPOSIUM ON HARDWARE-ORIENTED SECURITY AND TRUST

Conference: 6–9 December 2020
Exhibits: 7–8 December 2020
San Jose, CA · DoubleTree by Hilton

www.hostsymposium.org
About Us

The IEEE International Symposium on Hardware-Oriented Security and Trust (HOST) is recognized as the worldwide venue for researchers and practitioners to advance knowledge and technologies related to hardware security and assurance. The 13th Annual HOST will be held 6–9 December 2020 in San Jose, California, the capital of Silicon Valley.

Contributions to HOST have come from multiple communities, including:

- Semiconductor design, test, and failure analysis
- Computer architecture
- Systems security
- Cryptography and cryptanalysis
- Imaging and microscopy

HOST’s organizational sponsors are the IEEE Computer Society Technical Committee on Security and Privacy and the IEEE Computer Society Test Technology Technical Council (TTTC).

Event features:

- Technical Sessions
- Tutorials
- Hardware Demos
- Exhibits
- Networking

The conference exhibits will be held at the Doubletree by Hilton in San Jose.

- Exhibits move-in
  Sunday, 6 December, (Time TBD)
- Demos move-in
  Sunday, 6 December, (Time TBD)

Get Involved!

Regan Pickett
r.pickett@computer.org
+1 714-822-8022
www.hostsymposium.org
Conference Schedule

Day 1
Sunday, 6 Dec.
- Registration
- Tutorials
- Break
- Exhibit and demo move in

Day 2
Monday, 7 Dec.
- Registration
- Breakfast
- Technical session
- Exhibits
- Demos
- Breaks
- Lunch

Day 3
Tuesday, 8 Dec.
- Registration
- Breakfast
- Technical session
- Exhibits
- Demos
- Breaks
- Lunch
- Exhibit and demo move out

Day 4
Wednesday, 9 Dec.
- Registration
- Breakfast
- Technical session
- Breaks
- Lunch

Conference Demographics

HOST 2020 projected attendees by sector
- Academia
- Industry
- Government

350+
attendees at HOST 2019

General fields of expertise
- Embedded systems
- Integrated circuit design
- Test and verification
- Computer architecture
- Emerging and post-CMOS technologies
- Cyberphysical and IoT systems

Security Expertise
- IP protection and supply chain security
- Side-channel analysis and fault attacks
- Hardware primitives (PUFs, RNGs, etc.)
- Security-aware CAD methodologies, tools, and metrics
- Secure architecture and systems
- Cryptographic hardware design and implementation
- Security simulation, testing, and validation
- Feal attack analysis, thread evaluation, and attack resilience
- Other
Why Become a Sponsor?

The HOST event and community owe their success in part to the generosity of industrial and government sponsors.

HOST 2020 provides various ways for sponsors to support the community while gaining exposure and other benefits:

- Position your company as a leader in the services space by showcasing your innovations.
- Gain worldwide recognition and visibility for your brand with enhanced branding opportunities.

**Benefits to Sponsors**

- Access to high-demand/low-availability guest speaking slots
- Increased brand exposure before event (conference website and promotional emails), during event (signage, break slides, etc.), and after event (presentation videos and webinars)
- Access to discounted registration options and private meeting rooms
- Access to student CVs and recruitment opportunities

**Benefits to Community**

- Promote diversity
- Provide opportunities for student professional development
- Acknowledge and reward top student and researcher contributors
- Upgrade venue accommodations
- Help raise awareness of hardware security and trust issues
Industry and Government Attendees
2017–2019

- Accenture Labs
- ADI
- Aerospace Corp
- AFRL
- AMD
- AMRDEC
- ANSSI
- Apple
- ARO
- BAE Systems
- BAH
- Bank of Canada
- Battelle
- Boeing
- Bosch
- BRIDG
- BSI
- Cadence
- Cisco
- DARPA
- Deutsche Bank
- DGA MI
- DISA
- DMEA
- Draper Labs
- DSO
- DSTL
- DUST Identity
- Edaptive Computing
- Enthentica
- ETRI
- EYL
- FFI
- Fraunhofer AISEC
- Galois
- Graf Research
- Honeywell
- Huawei
- IBM
- IDA
- Intel
- Intelligent Automation
- Intrinsic ID
- Instrinsix
- JHU APL
- KCNSC
- LANL
- Leidos
- Lockheed Martin
- MacB
- Mentor Graphics
- Microsemi
- MIT LL
- MITRE
- NASA
- Nimbis
- NRL
- NSF
- NSTXL
- NSWC
- NXP
- ODASD
- ON Semi
- Onespin Solutions
- Potomac Institute for Policy Studies
- Qualcomm
- Raith
- Rambus
- Raytheon
- Riscure
- Rockwell
- Sandia
- SONY EMCS
- SRI International
- Synopsys
- TDKC
- TechVision21
- TI
- Tortuga Logic
- Toshiba
- TÜViT
- USG
- UTRC
- Verisign
- Xilinx

Get Involved!
Regan Pickett
r.pickett@computer.org
+1 714-822-8022
www.hostsymposium.org
Sponsorship Packages

Each level of sponsorship offers added benefits. Sponsors can choose from two different levels:

**Silver Sponsor**

- 1 complimentary full conference registration and 2 one-day conference registrations (~1,000 value)
- Company logo on HOST 2020 website, brochure, and proceedings
- Promotional info sheet or pamphlet at HOST registration desk (provided by sponsor)
- Access to student travel grant winner CVs prior to event

**Gold Sponsor**

- **All benefits of silver sponsor level**
- Additional 2 (4 total) one-day conference registrations (~2,000 value)
- 2 hours of access to private meeting room (first come, first served)
- Exclusive award sponsor title (choice first come, first served)
- Banner (provided by sponsor) in HOST pre-function or program area

**Single Sponsorship Items**

Sponsor perks (such as one-day passes) are negotiable for single sponsorship items.

**Brand Exposure and Visibility**

- Keynote speaker ($10,000) or visionary speaker slots ($7,500)
- Awards banquet sponsor title in promotional material ($5,000)
- Exclusive lunch, break, or demo session sponsor title in program ($2,500)
- A/V and camera crew sponsor with logo on presentation template ($2,500)
- Exclusive lanyards sponsor ($1,000 or provided by sponsor)
- Exclusive nametag sponsor with logo on nametags ($750)

**Student Recruitment**

- Access to student travel grant winner CVs prior to event ($500)

**Student Professional Development**

- *Student Travel Scholarship Support*—aimed at increasing diversity by supporting registration, travel, and/or accommodations of students from underrepresented groups ($750 per student)
- *International Student Travel Scholarship Support*—aimed at increasing participation of students from outside the United States ($1,250 per student)
Become an Exhibitor

Recent news stories (The Big Hack, Meltdown Attack, etc.) and programs/initiatives (MINSEC, AISS, RAVEN, SHIELD, etc.) highlight hardware security threats and the need for solutions.

Exhibitors can expect to:

- Network and meet new collaborators/partners to seek funding in this multi-billion dollar area of national need.
- Gain exposure for your technologies among researchers, engineers, program managers, educators, and policy makers.
- Enhance your visibility among influential leaders and decision-makers from government, OCMs, and OEMs in consumer electronics, EDA, semiconductor, computer, telecommunications, and defense industries.

**Exhibitor Opportunities**

A $1,000 exhibition discount will be provided for every exhibition referral

### Single Exhibition Booth — $5,000

- 8’x10’ booth with power, table, and chairs provided (location first come, first served)
- 1 complimentary full conference registration (~$1,000 value)
- 2-min. presentation slot in HOST technical program
- Banner (provided by sponsor) in HOST pre-function or program area
- Access to attendee name and email list (opt-ins only) after event
- Discounted exhibition at future HOST events

### Double Exhibition Booth — $7,500

- 16’x10’ booth w/ power, table, and chairs provided (location first come, first served)
- 2 complimentary full conference registrations (~$2,000 value)
- 2-min. presentation slot in HOST technical program
- Banner (provided by sponsor) in HOST pre-function or program area
- Access to attendee name and email list (opt-ins only) after event
- Discounted exhibition at future HOST events

**Important Deadlines**

- TBD—Early exhibit cut-off date
- TBD—Cancellation cut-off date
- TBD—Exhibitor and Sponsor payments due date
Contact Us

www.hostsymposium.org

Regan Pickett
r.pickett@computer.org
+1 714-822-8022