HOST 2020: IEEE International Symposium on Hardware-Oriented Security and Trust
May 4 - 8, 2020 San Jose, California, USA

HOST 2020
http://hostsymposium.org

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Best Paper Awards: Top papers will be considered for best paper awards. For best student paper award, the paper's first author and presenter must be a full-time student.

Grants: Travel grants are expected for graduate and undergraduate students.

CALL FOR PAPERS

The IEEE International Symposium on Hardware Oriented Security and Trust (HOST) aims to facilitate the rapid growth of hardware-based security research and development, and to highlight new results in the area of hardware security. HOST 2020 invites original contributions in all areas of overlap between hardware and security. This includes but is not limited to the following:

HARDWARE
- Security primitives
- Computer-aided design (CAD) tools
- Emerging and nanoscale devices
- Trojans and backdoors
- Side-channel attacks and mitigation
- Fault injection and mitigation
- (Anti-)Reverse engineering and physical attacks
- Anti-tamper
- Anti-counterfeit

ARCHITECTURE
- Trusted execution environments
- Cache-side channel attacks and mitigation
- Privacy-preserving computation
- System-on-chip (SoC)/platform security
- FPGA and reconfigurable fabric security
- Cloud computing
- Smart phones and smart devices

SYSTEM
- Internet-of-things (IoT) security
- Sensors and sensor network security
- Smart grid security
- Automotive/autonomous vehicle security
- Cyber-physical system security
- (Adversarial) Machine learning and cyber deception

Starting this year, HOST has two submission windows with no abstract deadlines and no extensions. Submit your paper at https://host2020.hotcrp.com/ . The page limit is **10 pages**, double column, IEEE format, with a minimum font size of 10 point. Only work that has not been previously published at the time of the submission will be considered. **Duplicate submissions** to concurrent conferences/journals **are not permissible**, and if encountered will be rejected and reported to IEEE. The paper selection will involve a **double-blind review and rebuttal process –** the identity of authors must not be revealed, directly or indirectly, over the course of the entire process.

HOST 2020 also accepts **proposals for tutorials and demos**. More information will be disseminated in future calls.

IMPORTANT DATES – 2 Submission Windows:

Summer Deadline	**Fall Deadline**
Submission: Aug 15, 2019	Submission: Nov. 15, 2019
Rebuttal: Sept 30 – Oct 4, 2019	Rebuttal: Jan. 8 – 15, '20
Notification: Oct 20, 2019	Notification: Feb. 8, 2020
Camera-ready: Nov 19, 2019	Camera-ready: Mar. 5, 2020

https://host2020.hotcrp.com/

Tutorial Proposal Submission (Notification): Oct. 4, 2019 (Nov. 15, 2019)
HW Demo Proposal Submission (Notification): Dec. 15, 2019 (Jan. 16, 2020)

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