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
Submission: Aug 15, 2019
Rebuttal: Sept 30 – Oct 4, 2019
Notification: Oct 20, 2019
Camera-ready: Nov 19, 2019
https://host2020.hotcrp.com/

Fall Deadline
Submission: Nov. 15, 2019
Rebuttal: Jan. 8 – 15, ’20
Notification: Jan. 30, 2020
Camera-ready: Feb. 1, 2020
SITE TBA


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