HOST 2023: IEEE International Symposium on Hardware-Oriented Security and Trust

May 1-4, 2023 San Jose, California, USA

http://www.hostsymposium.org/

CALL FOR PAPERS

IEEE International Symposium on Hardware Oriented Security and Trust (HOST) – the premier event aiming to facilitate the rapid growth of hardware security research and development – **has opened the call for contributions**. The 16th annual HOST will be held May 1-4, 2023 in San Jose, California, the capital of Silicon Valley. HOST 2023 invites original contributions in all areas of overlap between hardware and security, including but not limited to:

Hardware Security Primitives
  - e.g., PUF, TRNG, cryptography, post-quantum cryptography, odometers.

Computer-aided Design (CAD) for Hardware Security Verification
  - e.g., automatic techniques and metrics for life cycle security management and detecting security vulnerabilities.

Hardware Attack and Defense
  - e.g., hardware Trojans, fault injection, side-channels, hardware reverse engineering, hardware obfuscation.

Architecture Security
  - e.g., architectural side-channels, trusted execution environment, FPGA and reconfigurable fabric security.

System Security
  - e.g., machine learning security, SoC/IP security, CPS/IoT security, sensor network security, smart grid security, cloud security.

Emerging or Other Topics
  - e.g., privacy-enhancing architecture, cryptocurrency security, and other hardware/system security topics.

HOST 2023 has **two submission windows**. Please submit your paper at https://easychair.org/conferences/?conf=host2023. The page limit is 10 pages (excluding references), in double column, IEEE format, with a minimum font size of 10 points. Paper templates are available at https://www.ieee.org/conferences/publishing/templates.html. 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 – the identity of authors must not be revealed, directly or indirectly, over the course of the entire process, with all references to the author(s)' own previous work being in the third person. Please avoid the use of "omitted for blind review" in the bibliography and make sure that the PDF metadata does not contain author information.

Fall Submission	Winter Submission
Abstract Submission: Oct. 17, 2022	Abstract Submission: Jan. 9, 2023
Full Paper Submission: Oct. 24, 2022 (Extended)	Full Paper Submission: Jan. 16, 2023
Notification: Dec. 15, 2022	Notification: March 1, 2023
Camera-ready: Dec. 30, 2022	Camera-ready: March 10, 2023

HOST 2023 also accepts proposals for tutorials and demos. More information will be disseminated in future calls.

In case of questions, please contact:

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