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 Tutorials

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 2023 will organize a multi-session (90-minuite or 150-minute each) hardware security tutorial to take place on the first day of the program (May 1, 2023). We invite contributions to the tutorial sessions related to, but not limited to, the following topics:

- **Secure Processor Architectures**
- **System-on-Chip (SoC) Security**
- **Hardware Obfuscation**
- **Hardware Trojan Detection and Prevention**
- **Side Channel Attacks and Mitigation**
- **Automotive Security**
- **Design-for-Security**
- **IC and PCB Reverse Engineering and Countermeasure**
- **Hardware Security Primitives (PUFs, TRNGs, etc.)**
- **Internet-of-things (IoT) Security Analysis and Protection**
- **Hardware Security Metrics**
- **Counterfeit Detection and Avoidance**
- **Manufacturing and Supply-Chain Concerns**
- **Security-aware Tools and Design-Time Techniques**

HOST welcomes tutorials that target a broad audience - for both beginners and professionals in the hardware security and trust field. Hence, tutorials should include a mixture of both introductory and in-depth content. Any prerequisites required by the participants must be clearly specified in the proposal (see submission guidelines below).

Compensation and Requirements

Accepted tutorials must have a minimum of ten registered participants at least ten days before the event or the session may be canceled. Presenters will be compensated with a percentage of the participant tutorial fees through an honorarium. In the case of multiple presenters for a given tutorial, the honorarium will be equally divided amongst the presenters.

Submission Instructions

Tutorial proposals should be 3-4 pages in length and must include the following sections:
- Presenter information (name, affiliation, e-mail, etc.)
- Presenters' short bio
- Length of the tutorial (either 90 minutes or 150 minutes)
- Tutorial title
- Tutorial summary and goals (~250 words)
- Tutorial organization (schedule and breakdown of the content)
- Target audience and estimated number of attendees
- Prerequisites or required materials (if any) for the attendees
- Information about past offerings of the tutorial (if a version of the tutorial was presented at HOST or other venues in the past)

Important Dates

Deadline for Tutorial proposal Submission **November 20, 2022**
Notification of acceptance **January 30, 2023**
HOST tutorial day **May 1, 2023**

All tutorial proposals must be submitted to the the HOST 2023 EasyChair site:

https://easychair.org/conferences/?conf=host2023

(Make a new submission and choose the "HOST Tutorial" track)

Contact Information

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