HOST 2018: IEEE International Symposium on Hardware-Oriented Security and Trust

http://hostsymposium.org

May 2018, Washington DC Metro Area

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IEEE Computer Society Technical Committee on Security and

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. HOST highlights new results in the area of hardware security. For the second year, HOST will organize a two-track, multi-session, 2.5-hour long hardware security tutorial to take place on the first day of the program. HOST 2018 invites original contributions for tutorial sessions related to, but not limited to, the following:

- 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 vs. Design-for-Testability
- 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 as well as 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 or the session will be cancelled. 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

New tutorial proposals should be approximately 3-4 pages in length and must include the following sections:

- presenter information (name, affiliation, e-mail, etc.)
- presenters' short bio
- 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 (laptops, etc.)

Proposals for tutorials that were given in prior years may submit an abbreviated proposal (~1 page) summarizing the evaluation comments they received from attendees, discussing how the tutorial will be improved, and explaining why the tutorial should be held again.

Important Dates

Deadline for Tutorial Proposal Submission:	**Dec. 15, 2017**
Notification of Acceptance:	**Jan. 15, 2018**
HOST Tutorial Day:	**TBD**

All proposals MUST be submitted to the HOST 2018 Tutorial EasyChair website:
https://easychair.org/conferences/?conf=host2018