SysTEX'25
Opening Remarks

Anjo Vahldiek-Oberwagner & Marios Kogias

Program Overview

- 10:00-11:00 Keynote by Shweta Shinde

- 11:30-13:00 Session 1: Pot Pourri
- 14:00-16:10 Session 2: Tools & Trust

- 16:30-17:30 Breakout Discussions

Review Process

- Single review round + Online discussion
  - Every paper received 3-4 reviews
- 10/12 acceptance rate
  - 4 research papers
  - 3 short research papers
  - 3 tool papers

- Submission numbers are low
  - 10-20 submissions every year
  - We want SysTEX to grow

Program Committee

- Fritz Alder, Nvidia
- Istemi Ekin Akkus, Nokia Bell Labs
- Andrew Baumann, Google Research
- Marcus Brandenburger, IBM Research
- Jo Van Bulck, DistriNet, KU Leuven
- David Chisnall, University of Cambridge
- Le Quoc Do, Huawei Munich Research Center
- Pedro Fonseca, Purdue University
- Dimitra Giantsidi, Azure Research
- Daniel Gruss, TU Gratz
- Hamed Haddadi, Imperial College London

- Zhichao Hua, Shanghai Jiao Tong University
- Ruediger Kapitza, Friedrich-Alexander-Universität
- Byoungyoung Lee, Seoul National University
- Masanori Misono, TU Munich
- Cristiano Rodrigues, University of Minho
- Peter Pietzuch, Imperial College London
- Mark Silberstein, Technion
- Takahiro Shinagawa, The University of Tokyo
- Sweta Shinde, ETH Zurich
- Yuan Xiao, Shanghai Tech
- Yuval Yarom, Ruhr University Bochum

Artifact Evaluation

- **Optional** and constructive → 1 (single-blind) review per artifact
- **Participation:** 5/10 accepted papers; all got Available+Fct+Reusable badges

`</> SysTEX'25 Artifact Evaluated` `Available` `</> SysTEX'25 Artifact Evaluated` `Functional` `</> SysTEX'25 Artifact Evaluated` `Reusable`

Artifact Evaluation Committee: Thank You! 🙏

- Jo Van Bulck, *KU Leuven* (chair)
- Arul Thileeban Sagayam, *Bloomberg*
- Cristiano Rodrigues, *University of Minho*

- Gianluca Scopelliti, *Politecnico di Torino*
- Lorenzo Brescia, *University of Turin*
- Sudheendra Raghav Neela, *TU Graz*

Security Research Artifacts ACSAC CHES NDSS SysTEX USENIX Sec WOOT

🌐 https://secartifacts.github.io/systex2025/

Points for Discussion

- How to grow SysTEX?
  - What's SysTEX's role in the presence of venues such as the Confidential Computing Summit?

- What is the best home for SysTEX?
  - SysTEX has been hosted at: EuroS&P, EuroSys, ASPLOS, SOSP

- Who will the SysTEX'26 chairs be?

Best Paper Award

OpenCCA: An Open Framework to Enable Arm CCA Research

Andrin Bertschi, Shweta Shinde (ETH Zurich)

Best Paper
with Artifact Award

Wait a Cycle: Eroding Cryptographic Trust in Low-End TEEs via Timing Side Channels

Ruben Van Dijck, Marton Bognar,
Jo Van Bulck (DistriNet, KU Leuven)

Keynote:
Lessons from a Decade of Confidential Computing

Shweta Shinde (ETH Zurich)