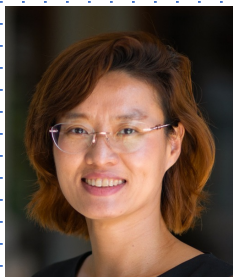




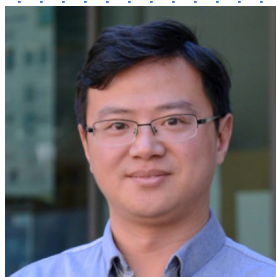
Opening Remarks from Program Chairs

Danfeng (Daphne) Yao
Virginia Tech



Lead PC Chair 2020

Heng Yin
University of California Irvine



Lead PC Chair 2021

Roberto Perdisci
University of Georgia



Artifact Evaluation Chair

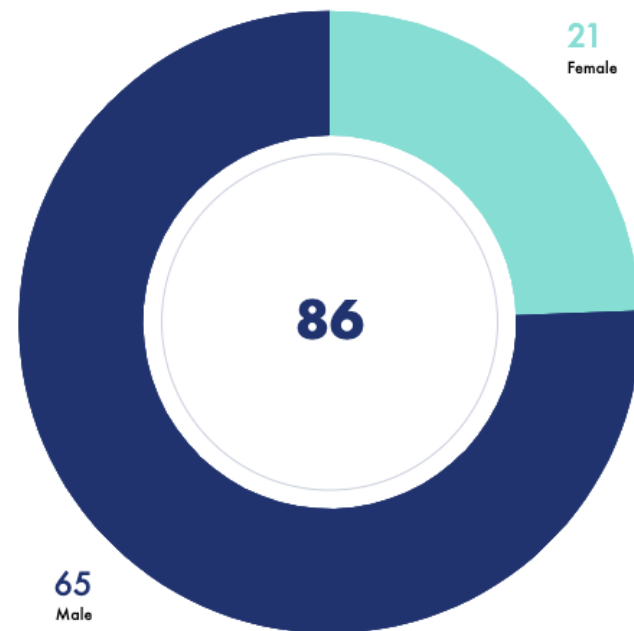
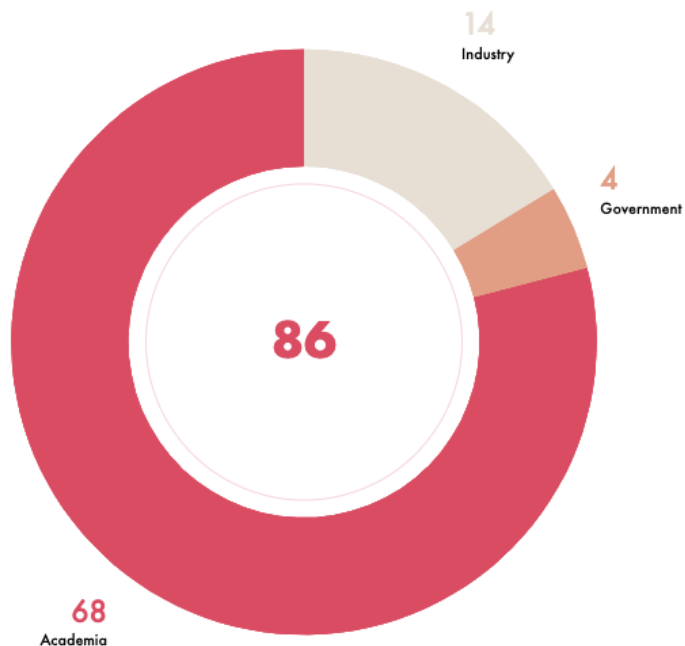
Countries of PC

- US (58)
- Japan (1)
- Canada (1)
- Australia (3)
- China (6)
- Netherlands (2)
- Spain (1)
- UK (1)
- South Korea (2)
- Germany (5)
- Greece (1)
- Italy (1)
- France (2)
- UAE (1)
- Cyprus (1)
- Sweden (1)
- Kuwait (1)





Program Committee (86 members)





Technical Papers Submission Stats

302 submissions, a record

13 desk rejects

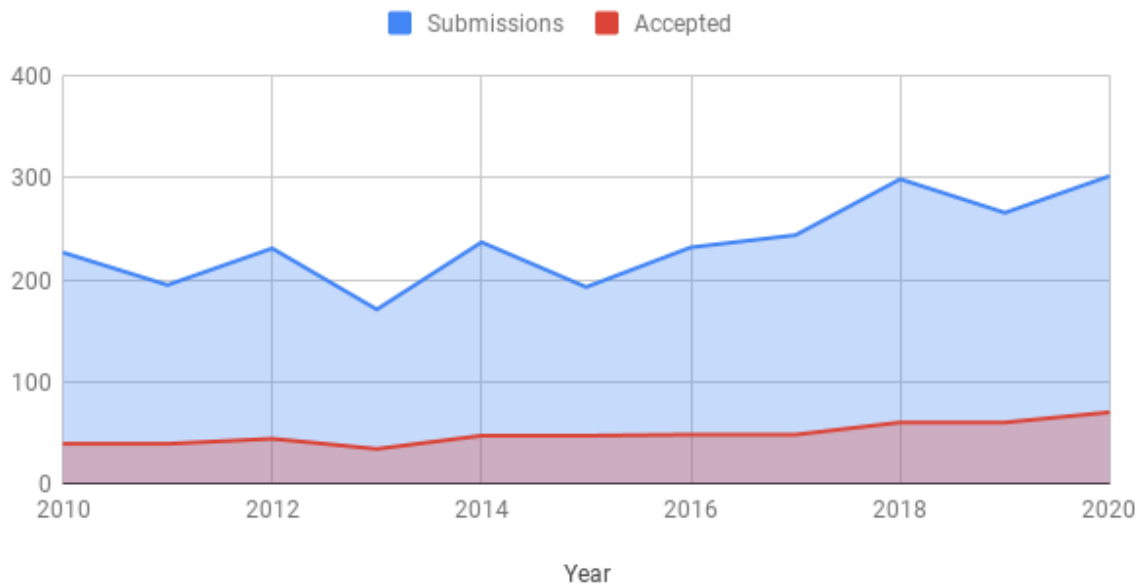
Paper bidding from reviewers

46 (R1 rejects)

243 (advanced to R2)

70 accepted (19 conditional)

ACSAC Submissions





Deployable and impactful security

Reviewers championed **hard-
topic-themed papers**

Accepted multiple (2, 2, 4) papers

What is novel? A fundamental debate

New, useful, filling the gap work is novel

■ *Digital Threats: Research and Practice*



Association for
Computing Machinery



Open Access

Digital Threats: Research and Practice (DTRAP) is a peer-reviewed Gold Open Access journal that targets the prevention, identification, mitigation, and elimination of digital threats. DTRAP aims to bridge the gap between academic research and industry practice. Accordingly, the journal welcomes manuscripts that ... [\(More\)](#)

Editor-in-Chief:  [A. Lakhotia](#)  [Leigh Metcalf](#)

ACSAC special issue in ACM-DTRAP to encourage contributions that address practical cybersecurity challenges



Intriguing titles

Betrayed by the Guardian: Security and Privacy Risks of Parental Control Solutions

Double Patterns: A Usable Solution to Increase the Security of Android Unlock Patterns

Set It and Forget It! Turnkey ECC for Instant Integration

SAIBERSOC: Synthetic Attack Injection to Benchmark and Evaluate the Performance of Security Operation Centers

Attacking Graph-Based Classification without Changing Existing Connections

On the Feasibility of Automating Stock Market Manipulation

Dragonblood is Still Leaking: Practical Cache-based Side-Channel in the Wild

Widely Reused and Shared, Infrequently Updated, and Sometimes Inherited: A Holistic View of PIN Authentication in Digital Lives and Beyond

More Than Just Good Passwords? A Study on Usability and Security Perceptions of Risk-based Authentication

Februus: Input Purification Defense Against Trojan Attacks on Deep Neural Network Systems

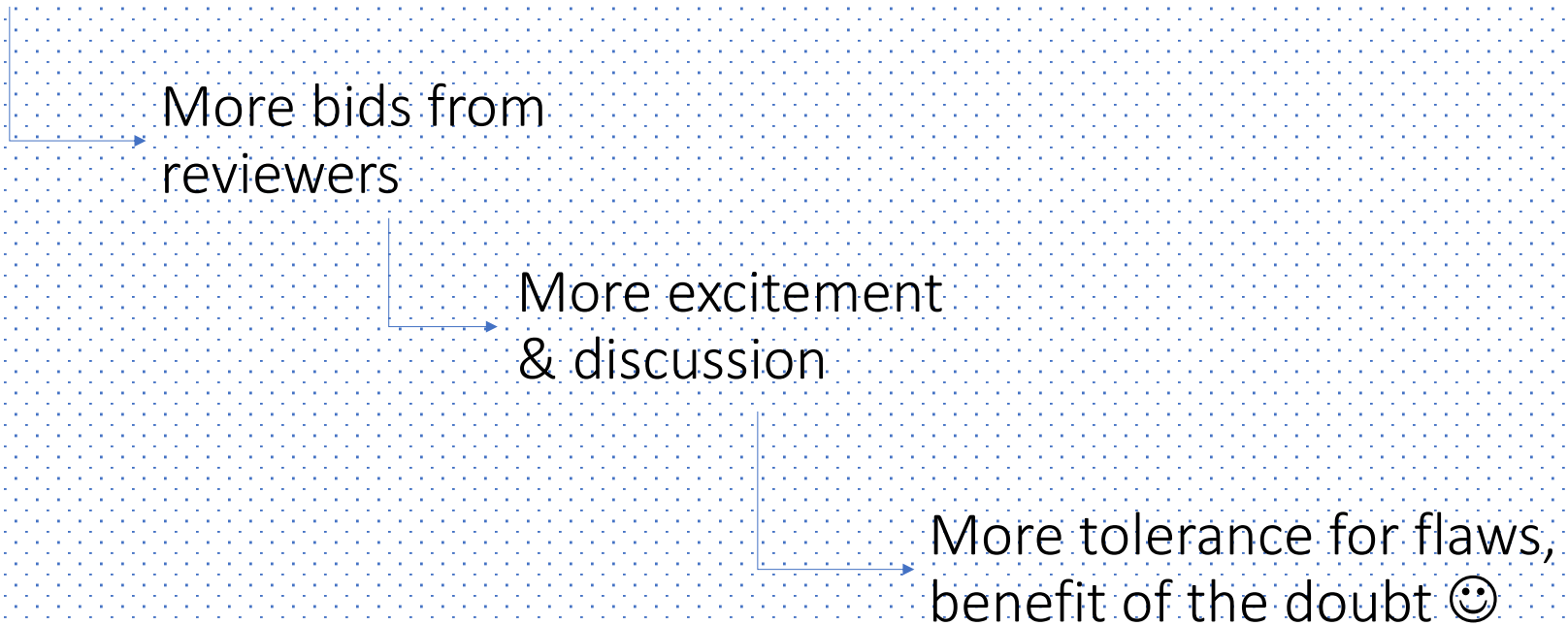
Faulty Point Unit: ABI Poisoning Attacks on Intel SGX

Device-agnostic Firmware Execution is Possible: A Concolic Execution Approach for Peripheral Emulation



An intriguing title goes a long way

Intriguing titles
(papers)





Best ACSAC Video Production



More Than Just Good Passwords?

A Study on Usability and Security Perceptions of Risk-based Authentication

Stephan Wiefling^{*#}, Markus Dürmuth[#], Luigi Lo Iacono^{*}

H-BRS University of Applied Sciences (*)

Ruhr University Bochum (#)

Austin, USA | ACSAC 2020



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Welcome b



A big thank to the authors and PC and OC committee members!



Next: Artifact Evaluation for Verifiability

Roberto Perdisci
University of Georgia



Artifact Evaluation Chair