Welcome to ACSAC 2021

Message from Program Chairs

Heng Yin
Professor
UC Riverside

Gabriela F. Ciocarlie
Associate Professor
UT San Antonio
Program Committee

16 Countries

- South Korea: 3.3%
- Canada: 2.2%
- Germany: 5.4%
- China: 4.3%
- UK: 1.1%
- US: 68.5%

Count of Country

Total: 92
- Female representation: 25 (27%)
- Black representation: 3 (3.2%)
- New members: 23 (25%)

Count of Sector

- Government: 5.4%
- Industry: 14.1%
- Academia: 80.4%
Paper Selection

Total submissions: 326 (A new record!)

- Deskreject: 4.0%
- R1reject: 31.0%
- R2reject: 40.5%
- Conditional accept: 7.4%
- Accept: 17.2%

Newly introduced: an interactive rebuttal period

A new record of accepted papers!
Distinguished Paper Award
Honorable Mentions

**Characterizing Improper Input Validation Vulnerabilities of Mobile Crowdsourcing Services**
Sojhal Ismail Khan; Dominika C Woszczyk; Chengzeng You; Soteris Demetriou; Muhammad Naveed

**Stealing Machine Learning Models: Attacks and Countermeasures for Generative Adversarial Networks**
Hailong Hu; Jun Pang

**DistAppGaurd: Distributed Application Behaviour Profiling in Cloud-Based Environment**
Mohammadmahdi Ghorbani; Fereydoun Farrahi Moghaddam; Mengyuan Zhang; Makan Pourzandi; Kim Khoa Nguyen; Mohamed Cheriet

**TLB Poisoning Attacks on AMD Secure Encrypted Virtualization**
Mengyuan Li; Yinqian Zhang; Huibo Wang; Kang Li; Yueqiang Cheng
Two Souls in an Adversarial Image: Towards Universal Adversarial Example Detection using Multi-view Inconsistency

Sohaib Kiani(1); Sana Awan(1); Chao Lan(2); Fengjun Li(1); Bo Luo(1)

1.University of Kansas; 2. University of Oklahoma
Distinguished Artifact Award

Thanks to the Artifact Evaluation Committee

Martina Lindorfer
Assistant Professor
TU Wien

Gianluca Stringhini
Assistant Professor
Boston University
Artifact Evaluation

- Encouraged early submission of artifacts
- An artifact submission can positively affect the paper evaluation
- Received 29 artifact submissions, 22 of which made it into the final program
- The Artifact Committee includes 18 mentors and 39 students
- On average, each artifact was assigned to 2 students and 2 mentors.
- Two types of badges: functional and reusable
- Finally, 8 reusable and 12 functional artifacts.
The first distinguished artifact award goes to...

argXtract: Deriving IoT Security Configurations via Automated Static Analysis of Stripped ARM Cortex-M Binaries

Pallavi Sivakumaran; Jorge Blasco

University of London
The second distinguished artifact award goes to...

Repack Me If You Can: An Anti-Repackaging Solution based on Android Virtualization

Antonio Ruggia(1); Eleonora Losiouk(2); Luca Verderame(1); Mauro Conti(2); Alessio Merlo(1)

(1) University of Genoa; (2) University of Padua
Enjoy the conference!