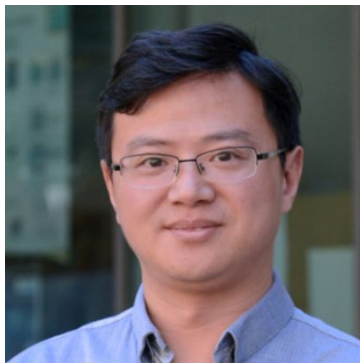




# Welcome to ACSAC 2021

## Message from Program Chairs



**Heng Yin**  
Professor  
UC Riverside



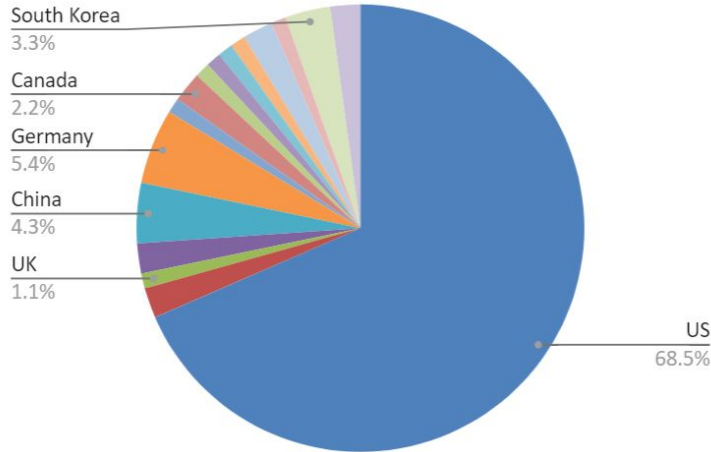
**Gabriela F. Ciocarlie**  
Associate Professor  
UT San Antonio



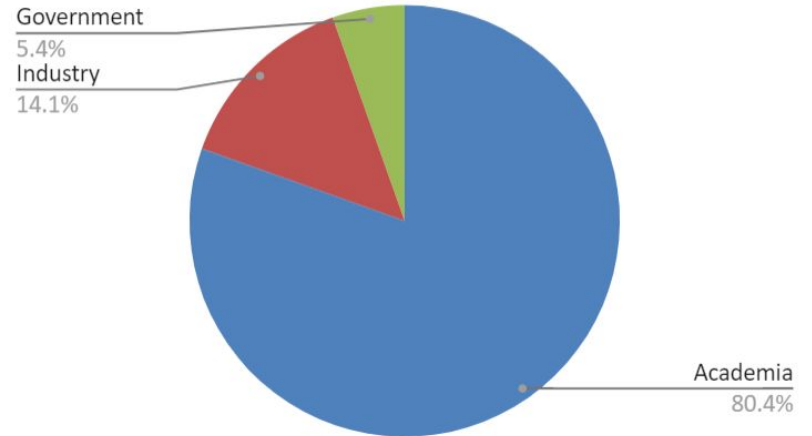
# Program Committee

## 16 Countries

Count of Country



Count of Sector



**Total: 92**

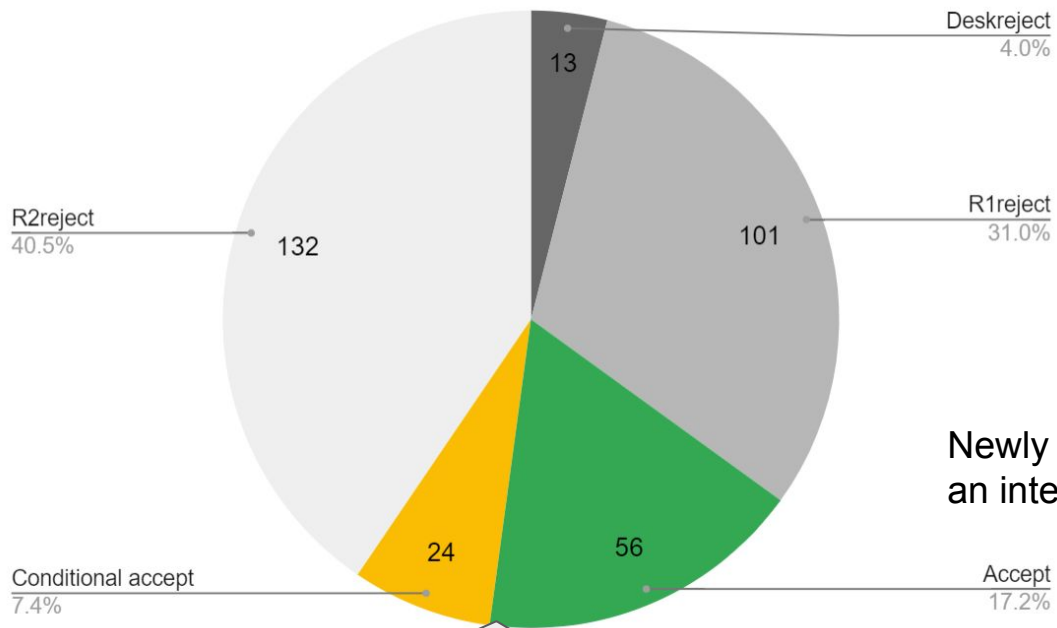
Female representation: 25 (27%)

Black representation: 3 (3.2%)

New members: 23 (25%)

# Paper Selection

Total submissions: 326 (**A new record!**)



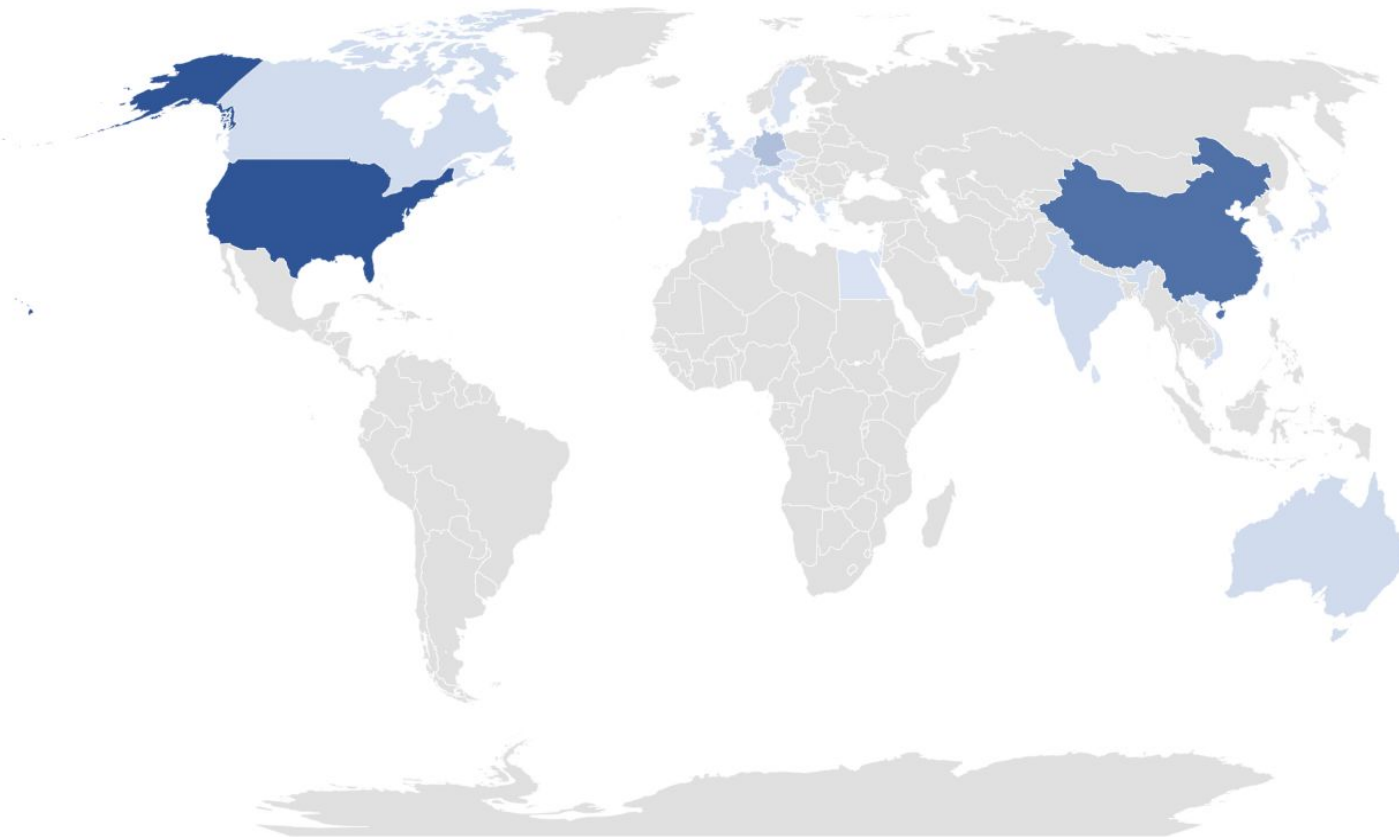
Newly introduced:  
an interactive rebuttal period

**A new record of accepted papers!**

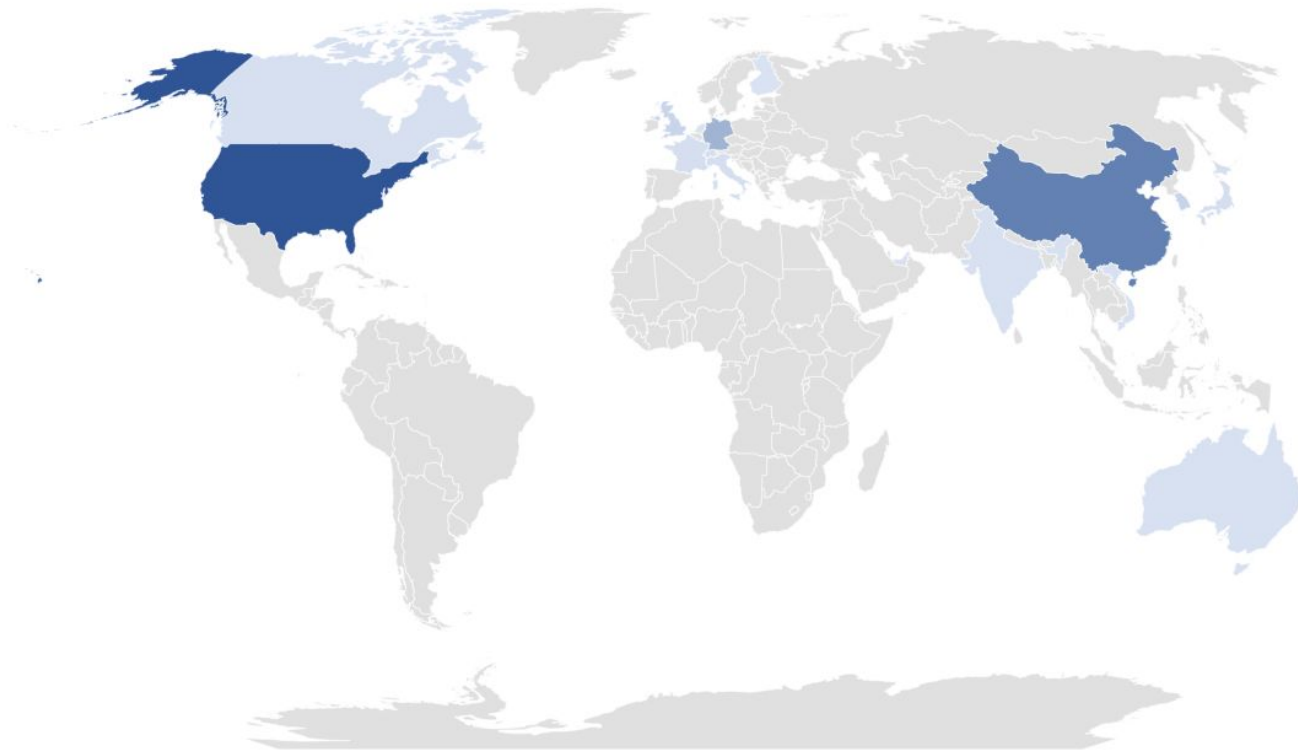
# Authors from 32 Countries and Regions



USA	469
China	377
Germany	116
Singapore	70
South Korea	48

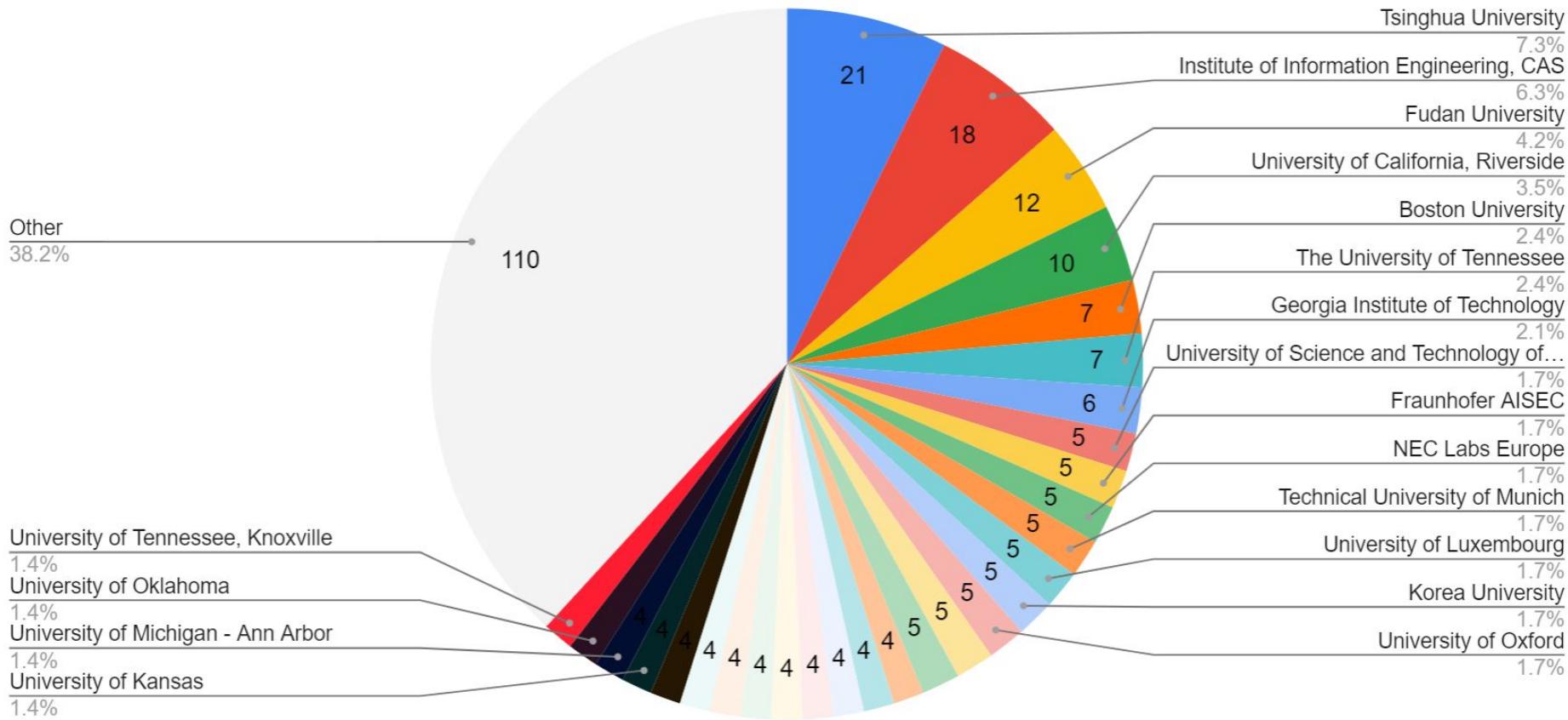


# Authors of Accepted Papers from 19 Countries

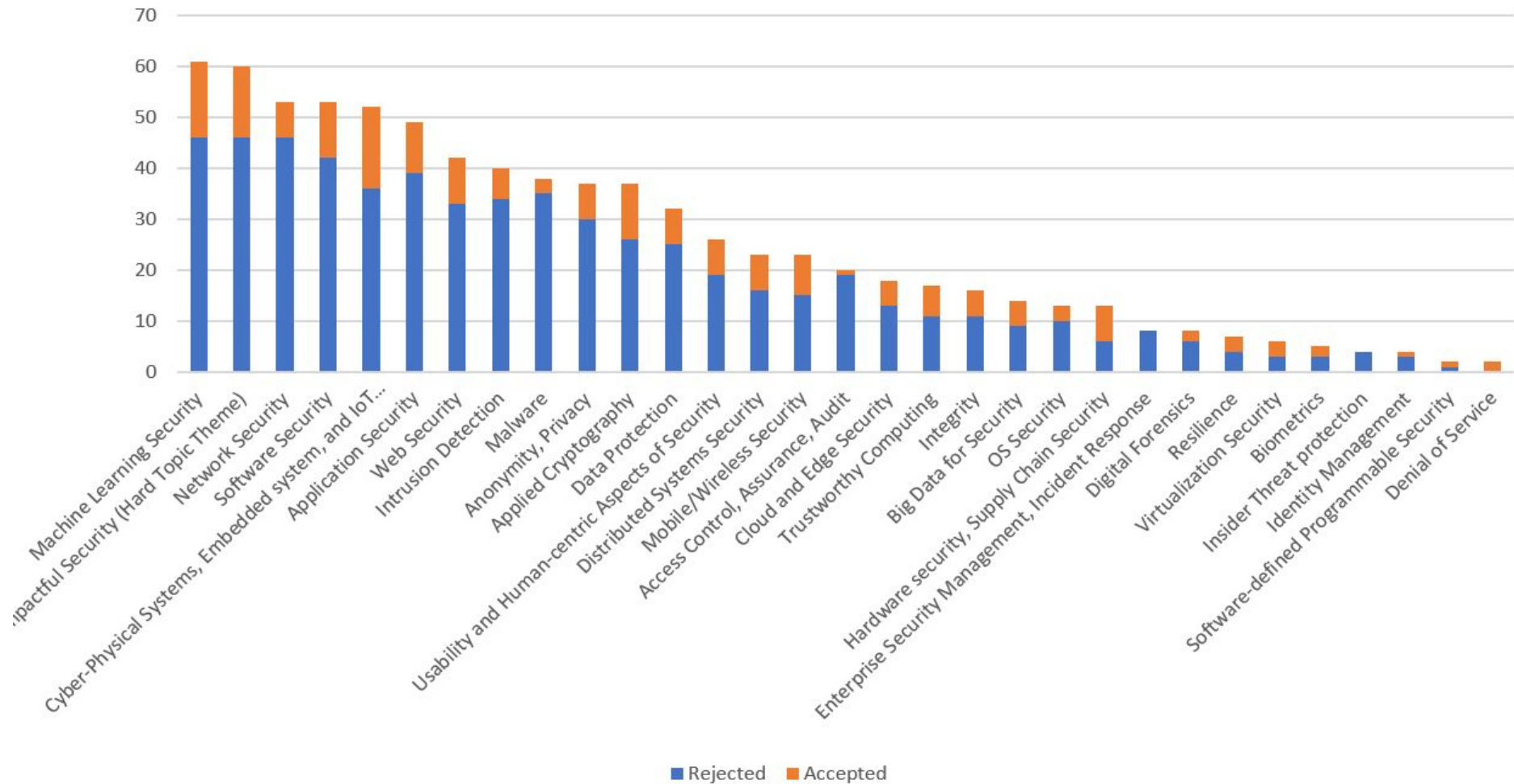


USA	133
China	92
Germany	45
South Korea	15
UK	14

# Top Affiliations



# Topics





# 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



# Distinguished Paper Award goes to...

*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!