



Android Security Symposium

Josef Ressel Center for User-friendly Secure Mobile Environments

September 9-11 • Vienna, Austria

u'smile

Josef Ressel Center for User-friendly Secure Mobile Environments • www.usmile.at



UNIVERSITY
OF APPLIED SCIENCES
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Welcome to Vienna, Austria

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Program Overview

Wednesday, 9th September 2015	Thursday, 10th September 2015	Friday, 11th September 2015
Welcome Speech		
Exploring Android Security	Security for Everyone	Incident Handling, Malware and Countermeasures
Lunch and Networking Break		
Exploring Android Security	Trusted Computing	Malware and Countermeasures
PhD School		
	Social Event	



Program

Day 1: Wednesday, 9th September

08:30 Registration

09:15 Welcome speech

Exploring Android Security

Chair: René Mayrhofer

09:30 Improving mobile security with forensics, app analysis
and big data
Andrew Hoog NowSecure (USA)

10:30 Coffee break

11:00 Android security architecture
Nikolay Elenkov
Saron Systems Research (Japan)

12:00 Lunch and networking break

13:30 Lessons from the trenches: An inside look at Android security
Nick Kralevich
Google (USA)

14:15 Exploit mitigation at the native level for RISC-based devices
Matthias Neugschwandtner
IBM Research Zurich (Switzerland)

15:00 Coffee break

PhD School

Chair: René Mayrhofer

15:30 Secure copy protection for mobile apps
Nils T. Kannengiesser
Technische Universität München (Germany)

16:00 Human factors in anonymous mobile communication
Svenja Schröder
University of Vienna (Austria)

16:30 Continuous risk-aware multi-modal authentication
Daniel Hintze FHDW Paderborn (Germany)
Rainhard Findling, Muhammad Muaaz JRC u'smile (Austria)

17:00 Closing of day



Program

Day 2: Thursday, 10th September

08:30 Registration

09:15 Welcome speech

Security for Everyone

Chair: Edgar Weippl

09:30 Assessing Android applications using command-line fu
Pau Oliva Fora
NowSecure (Spain)

10:30 Coffee break

11:00 The quest for usable security
N. Asokan
Aalto University / University of Helsinki (Finland)

12:00 Lunch and networking break

Trusted Computing

Chair: Edgar Weippl

13:30 Android and trusted execution environments
Jan-Erik Ekberg
Trustonic Inc (Finland)

14:00 An infestation of dragons:
Exploring vulnerabilities in the ARM TrustZone architecture
Josh Thomas, Charles Holmes Atredis Partners (USA)

15:00 Coffee break

15:30 Using Android security for governmental PKI:
Opportunities and challenges
Pekka Laitinen Population Register Centre (Finland)

16:00 Secure elements for you and me: A model for programmable
secure hardware in mobile ecosystems
Alexandra Dmitrienko Fraunhofer SIT (Germany)

16:45 Closing of day

17:00 Social event

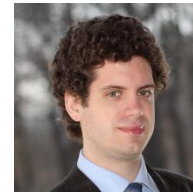


Program

Day 3: Friday, 11th September

08:30	Registration
09:15	Welcome speech
Incident Handling, Malware, and Countermeasures Chair: René Mayrhofer	
09:30	Mobile threats incident handling Yonas Leguesse ENISA (Greece)
10:30	Coffee break
11:00	ANANAS – ANalyzing ANDroid ApplicationS Dieter Vymazal University of Applied Sciences Upper Austria (Austria)
12:00	Lunch and networking break
13:30	How Google killed two-factor authentication Victor van der Veen VU University Amsterdam (Netherlands)
14:00	A walk through the construction of the first mobile malware tracker Federico Maggi Politecnico di Milano (Italy)
15:00	Closing of day

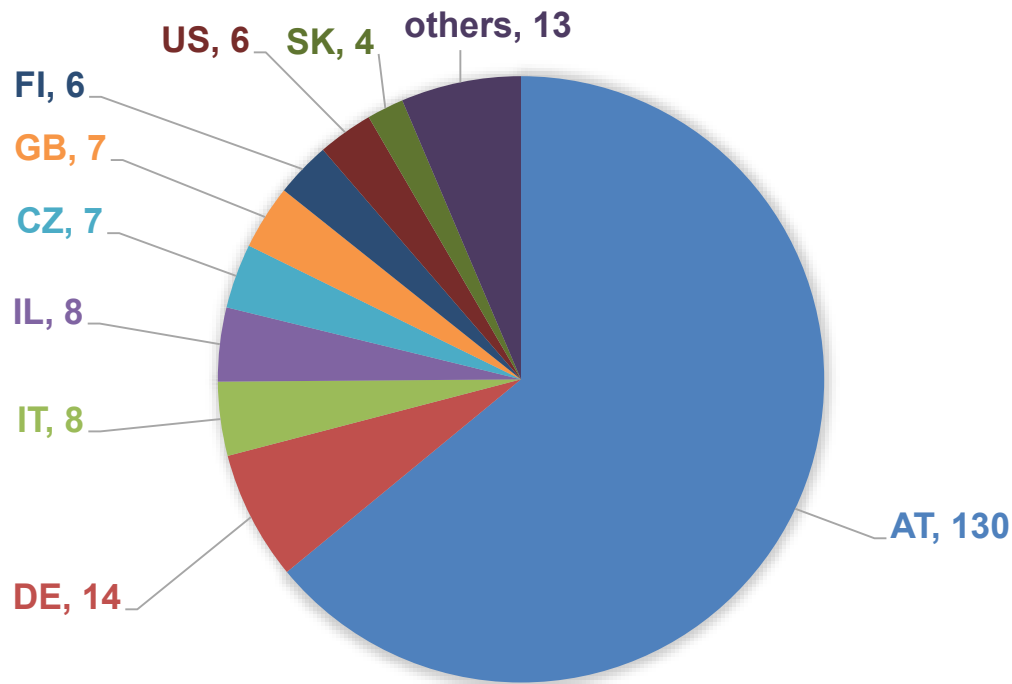
- Heads of u'smile modules
 - ▶ René Mayrhofer (JRC u'smile & JKU)
 - ▶ Edgar Weippl (SBA Research)
- Organization of program
 - ▶ Michael Roland (FH OÖ Hagenberg)
- Local organization
 - ▶ Severina Lachmair (JKU)
 - ▶ Yvonne Poul (SBA Research)
 - ▶ Bettina Bauer (SBA Research)





Symposium Statistics

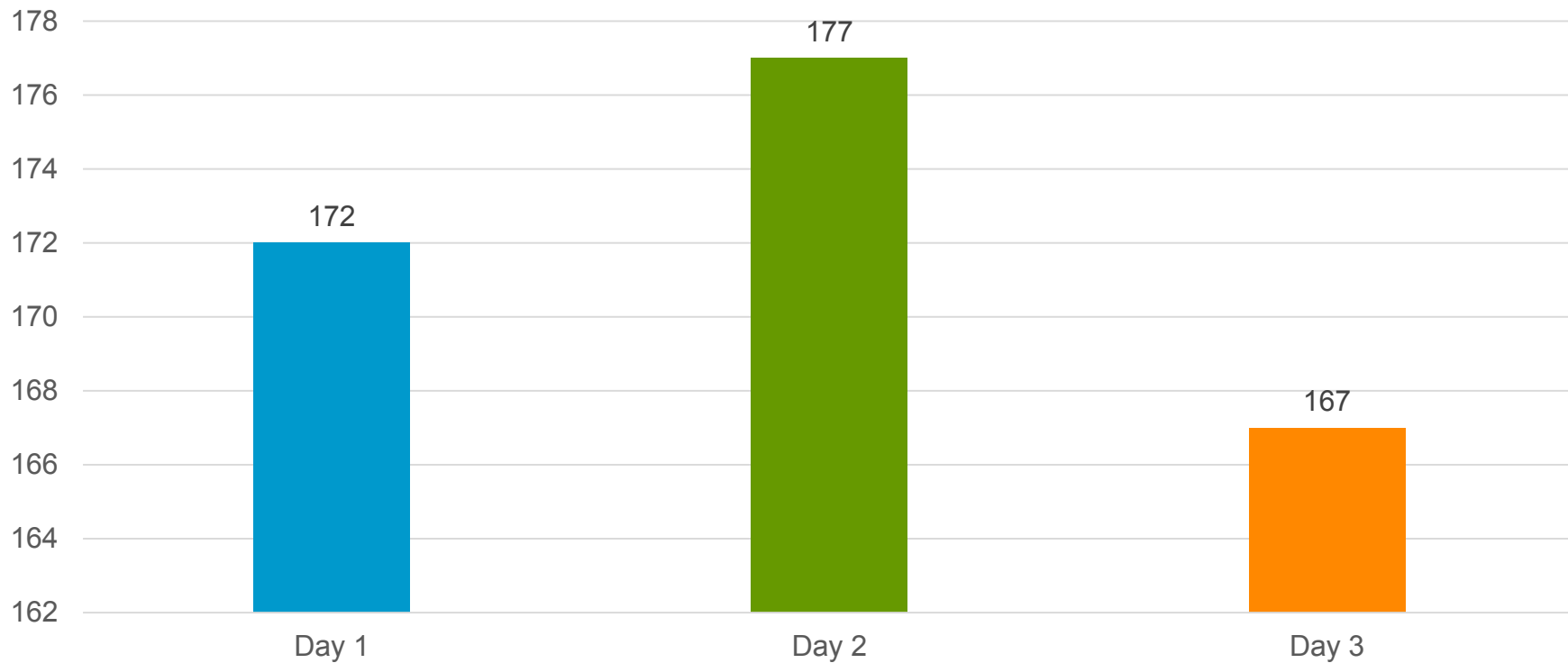
Participants by Country





Symposium Statistics

Participants by Day





Social Event The Third Man Sewer Tour





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