IEEE Symposium on Security and Privacy
May 20-23, 2012, Oakland

Program Introduction

Somesh Jha
Univ. of Wisconsin

Wenke Lee
Georgia Tech

Program

- Session 1: System Security 1 (Chair: Adrian Perrig)
- Session 2: Malware (Chair: Juan Caballero)
- Session 3: Attacks 1 (Chair: Guofei Gu)
- Session 4: Foundations (Chair: Michael Backes)
- Session 5: Access Control and Attestation (Chair: Jonathan McCune)
- Session 6: Privacy (Chair: Xiaofeng Wang)
- Session 7: Network Security (Chair: Roberto Perdisci)
- Session 8: Attacks 2 (Chair: Kevin Butler)
- Session 9: Web Security (Chair: Venkat Venatkrishnan)
- Session 10: Privacy and Anonymity (Chair: Zachary Peterson)
- Session 11: Passwords (Chair: William Enck)
- Session 12: System Security 2 (Chair: Bryan Payne)
- Panel: Science in Cybersecurity Research (Moderator: Carl Landwehr)
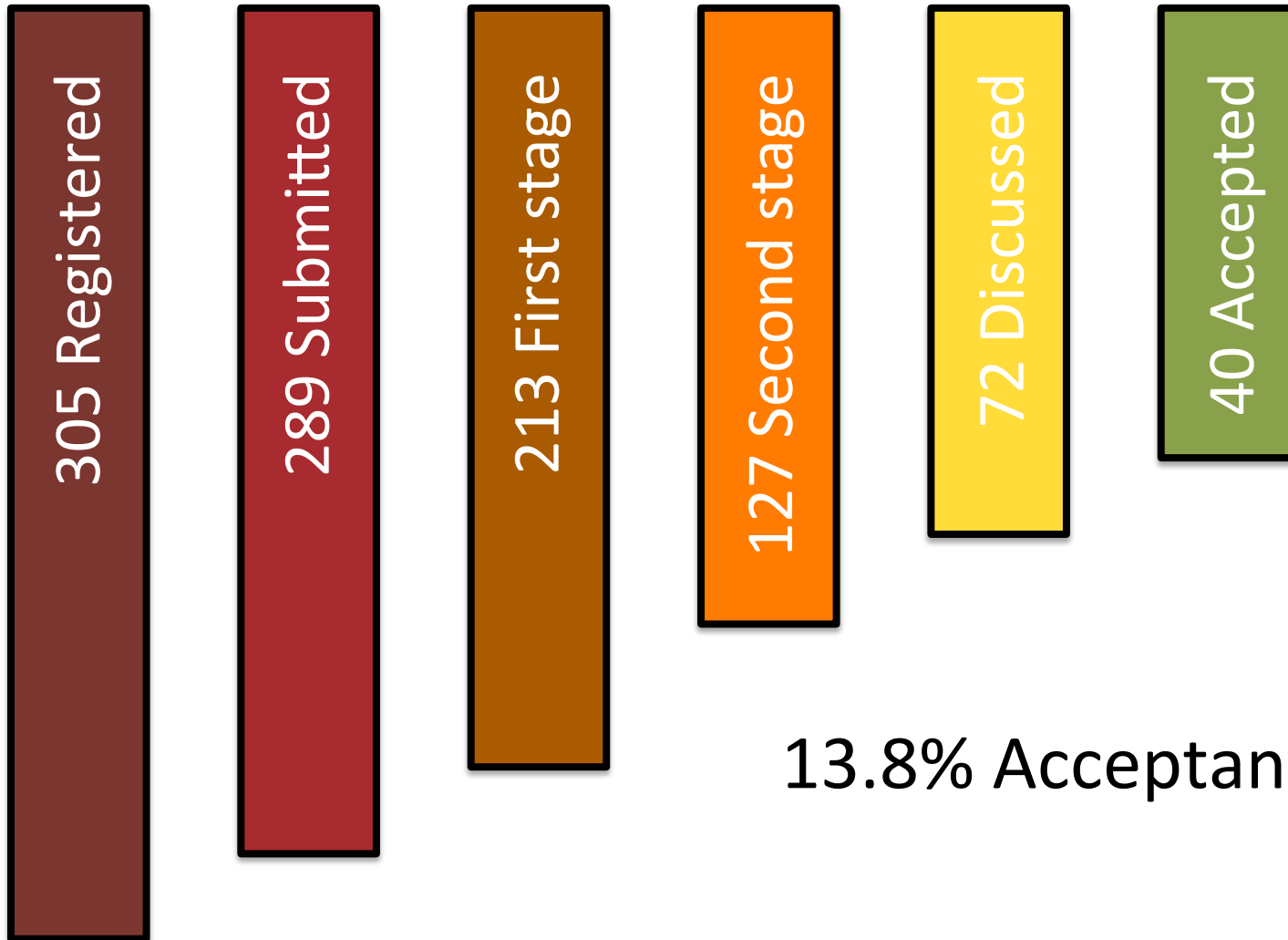- Short talks (Chair: Anupam Datta)

Speakers

- Paper time slots are 25 minutes
  - 20 minutes for the presentation
  - 5 minutes for questions
  - Please contact your session chair before your session
- Short talk time slots are 5 minutes
- *All time limits are strictly enforced!*

Papers

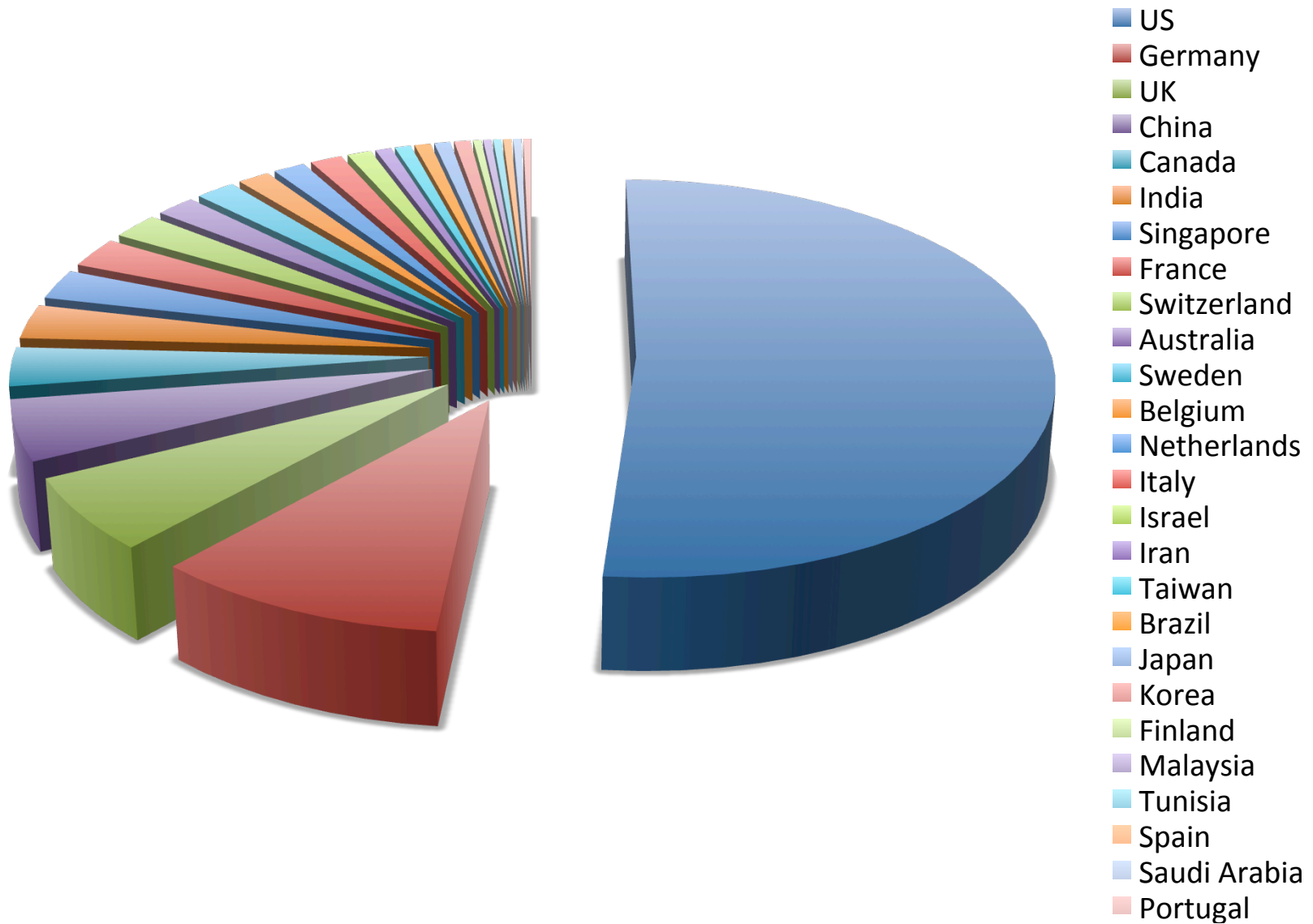- 33 research papers
- 7 systematization of knowledge papers

"These papers will provide a high value to our community but would otherwise not be accepted because they lack novel research contributions. Suitable papers include survey papers that provide useful perspectives on major research areas, papers that support or challenge long-held beliefs with compelling evidence, or papers that provide an extensive and realistic evaluation of competing approaches to solving specific problems."
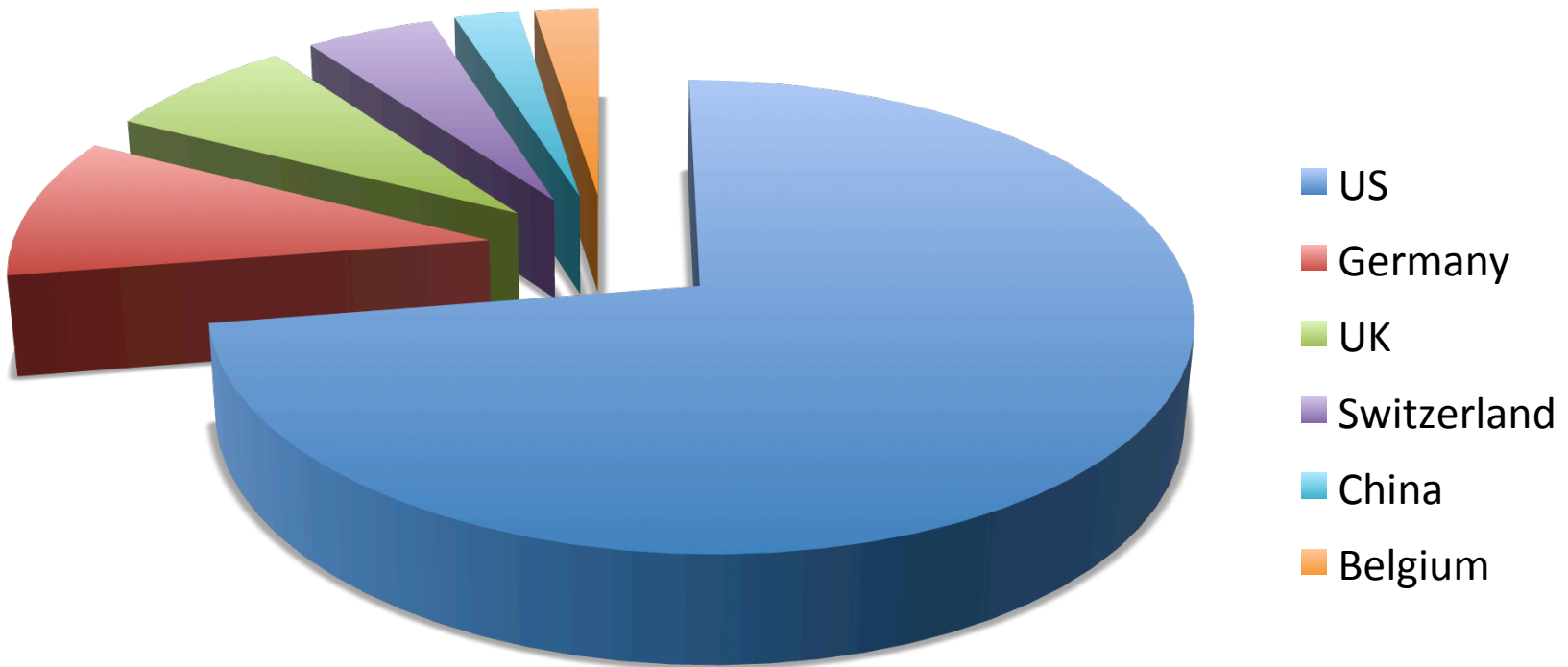
Paper Selection Process

305 Registered

289 Submitted

213 First stage

127 Second stage

72 Discussed

40 Accepted

13.8% Acceptance rate

Submitted Papers

US
Germany
UK
China
Canada
India
Singapore
France
Switzerland
Australia
Sweden
Belgium
Netherlands
Italy
Israel
Iran
Taiwan
Brazil
Japan
Korea
Finland
Malaysia
Tunisia
Spain
Saudi Arabia
Portugal

Accepted Papers

- US
- Germany
- UK
- Switzerland
- China
- Belgium

Other Program Events

- Poster session and reception:
  Today 5:45-8:00

- Short Talks (Chair: Anupam Datta):
  Tomorrow 4:30-5:30

- TC Business Meeting (Organizer: Sven Dietrich):
  Tomorrow 5:45-6:45

- Best Paper Awards:
  Tomorrow 8:15-8:30

- Plans for 2013:
  Wednesday 8:15-8:30

THANK YOU

- Authors, speakers, and panelists

- Conference attendees

- Program committee and reviewers
  – Special thanks to Matt Fredrikson

- Organizers

- Enjoy the program and send comments to oakland12-pcchairs@ieee-security.org

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Best Paper Awards

Somesh Jha
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Georgia Tech

Selection Process

- A subcommittee chaired by PC co-chairs
- Read final papers and discuss

Best Paper Award

- Don't Trust Satellite Phones: A Security Analysis of Two Satphone Standards
  - Benedikt Diessen, Ralf Hund Carsten Wilems, Christof Paar, and Thorsten Holz (Horst-Goertz Institute)

Best Student Paper Award

- Memento: Attacking Privacy by Exploiting the Dynamics of Memory Footprints
  - Suman Jana and Vitaly Shmatikov (UT Austin)

Best Practical Paper Award

- User-Driven Access Control: Rethinking Permission Granting in Modern Operating Systems
  - Franziska Roesner and Tadayoshi Kohno (U Washington), Alexander Moshchuck, Bryan Parno and Helen Wang (MSR) and Crispin Cowan (MS)