Program Introduction

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IEEE SYMPOSIUM on SECURITY & PRIVACY
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Thirty years ago...

(Okay, this was actually about 34 years ago…)

Fraction of Audience Catching Up On Email During Chair's Welcome Talk

1980

2010

0%

17%

Advantage: 1980

Venue

1980

2010

Oakland, CA

Berkeley, CA

Advantage: 2010

Paper Acceptance Rate

1980   **2010**

100%   11%

Advantage: 1980

Paper Rejection Rate

0%   89%

Advantage: 2010

Arnold Schwarzenegger's Occupation

1980

2010

Barbarian

Governor

Advantage: ?

Bill Gates' Occupation

1980   **2010**

Selling BASIC to IBM   **Improving Global Health**

Advantage

30ᵗʰ Anniversary Celebrations

1980   **2010**

None   **Gala Dinner Tonight!**

Winner 2010!

Program Overview

Giuseppe Ateniese · Michael Backes · Adam Barth
Nikita Borisov · David Brumley · Cristian Cadar
Shuo Chen · Anupam Datta · Nick Feamster
Debin Gao · Jon Giffin · Virgil Gligor
Michael Goodrich · J. Alex Halderman · Somesh Jha
Rob Johnson · Engin Kirda · Yoshi Kohno
Shriram Krishnamurthi · Christopher Kruegel
Ruby Lee · Michael Locasto · Sergio Maffeis
Z. Morley Mao · Jonathan McCune · David Molnar
Cristina Nita-Rotaru · Vern Paxson · Mike Reiter
Andrei Sabelfeld · Stuart Schechter · Hovav Shacham
Vitaly Shmatikov · Radu Sion · Sean Smith
Adam Smith · Dawn Song · Angelos Stavrou · Ed Suh
Patrick Traynor · V. N. Venkatakrishnan · Dan Wallach
Brent Waters · Westley Weimer · XiaoFeng Wang
Felix Wu · Dongyan Xu · Haifeng Yu · Sencun Zhu

Program Committee

Research Papers

26 papers selected from 237 submissions
Rigorous review process (≥ 5 reviews / paper)
   Emphasis on **novel research contributions**

Spanning breadth of security research
Authors from:
   10 different countries
   27 different university campuses
   6 different companies/institutes

Systematization Papers: New for 2010

Systematization of Knowledge: "work that evaluates, systematizes, and contextualizes existing knowledge."
5 papers selected from 30 submissions
   Same rigorous review process as research papers
   Emphasis on **value to community**
Two sessions tomorrow: intrusion detection, taint analysis, vulnerability testing, CAPTCHAs, bootstrapping trust

Other Program Elements

Short Talks (Chair: Angelos Stavrou)
    Tomorrow 4:30pm

Poster Session and Reception (Carrie Gates and Terry Benzel)
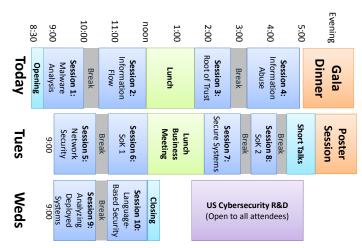   Tomorrow 5:45-7:30pm

US Cybersecurity R & D (NSF, DHS, etc.)
    Wednesday, 1:30-5pm

Workshops – Thursday (separate registration required)
    Systematic Approaches to Digital Forensic Engineering
    W2SP 2010: Web 2.0 Security & Privacy

Schedule (times along top: 8:30, 9:00, 10:00, 11:00, noon, 1:00, 2:00, 3:00, 4:00, 5:00, Evening)

Today: Opening | Session 1: Malware Analysis | Break | Session 2: Information Flow | Lunch | Session 3: Root of Trust | Break | Session 4: Information Abuse | Gala Dinner

Tues: Session 5: Network Security (9:00) | Break | Session 6: Sok 1 | Lunch Business Meeting | Session 7: Secure Systems | Break | Session 8: Sok 2 | Break | Short Talks | Poster Session

Weds: Session 9: Analyzing Deployed Systems (9:00) | Break | Session 10: Language-Based Security | Closing | US Cybersecurity R&D (Open to all attendees)

Thursday: Workshops

Enjoy the Symposium!

Session 1 (right now!)
Malware Analysis

Chair: Jon Giffin, *Georgia Tech*