Thirty years ago...

Program Introduction
David Evans
University of Virginia
Giovanni Vigna
UC Santa Barbara

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

<table>
<thead>
<tr>
<th>Year</th>
<th>1980</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>17%</td>
<td></td>
</tr>
<tr>
<td>Advantage: 1980</td>
<td>Advantage: 2010</td>
<td></td>
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</table>

Venue

<table>
<thead>
<tr>
<th>Year</th>
<th>1980</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oakland, CA</td>
<td>Berkeley, CA</td>
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</tbody>
</table>

Paper Acceptance Rate

<table>
<thead>
<tr>
<th>Year</th>
<th>1980</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>Advantage: 1980</td>
<td>Advantage: 2010</td>
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</tbody>
</table>

Paper Rejection Rate

<table>
<thead>
<tr>
<th>Year</th>
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<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>89%</td>
<td></td>
</tr>
<tr>
<td>Advantage: 2010</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Arnold Schwarzenegger’s Occupation

<table>
<thead>
<tr>
<th>Year</th>
<th>1980</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barbarian</td>
<td>Governor</td>
<td></td>
</tr>
</tbody>
</table>

Advantage: ?
Bill Gates’ Occupation

1980
Selling BASIC to IBM

2010
Improving Global Health

30th Anniversary Celebrations

1980
None

2010
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 Maffei
Z. Morley Mao · Jonathan McCune · David Molnar
Cristina Nita-Rotaru · Vern Paxson · Mike Reiter
Andrei Sabel field · 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

Enjoy the Symposium!

Session 1 (right now!)
  Malware Analysis
  Chair: Jon Giffin, Georgia Tech