

23rd USENIX Security Symposium


AUGUST 18-22, 2014 • SAN DIEGO, CA



Opening Remarks and Awards

Kevin Fu
Computer Science & Engineering
University of Michigan
Program Chair





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Statistics


Refereed paper submissions

- 350 paper submissions
- 67 papers accepted (19%)
- 1,340 reviews
- 1,627 follow-up comments
- 8,269 emails in my inbox
- See online “message from the program chair” for details

Number of attendees

- 520





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ONE DOES NOT SIMPLY

**SAY THANK YOU WITHOUT A
MEME**

makeameme.org



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Ingrid Verbauwhede, *Katholieke Universiteit Leuven*
Giovanni Vigna, *University of California, Santa Barbara*
David Wagner, *University of California, Berkeley*
Dan Wallach, *Rice University*
Rui Wang, *Microsoft Research*
Matthew Wright, *University of Texas at Arlington*
Wenyuan Xu, *University of South Carolina*



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Deputy Program Chair

Jaeyeon Jung, *Microsoft Research*

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Matthew Green, *Johns Hopkins University*

Thorsten Holz, *Ruhr-University Bochum*

Ben Laurie, *Google*

Damon McCoy, *George Mason University*

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WiPs Session Chair + Shadow PC Coordinator

Tadayoshi Kohno, *University of Washington*

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Thanks to Our Media Sponsors and Industry Partners

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No Starch Press

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UserFriendly.org

Virus Bulletin

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Thanks also to...

- All authors who submitted papers and all external reviewers
- Dug Song of Duo Security for the PC meeting social hour
- Michigan for catering the two-day PC meeting
- All of you for coming



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Thanks also to...

- Family for tolerating time spent on USENIX Security even when our house collapsed



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Instructions


Speakers

- Please report to session chairs in advance

Birds-of-a-Feathers Sessions (BoFs)

- Host your own BoF
- Check the BoF boards in the registration area and see www.usenix.org/sec14/bofs for the latest schedule





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Speakers and Authors

Please email your
electronic files to
slides@usenix.org
directly after your
presentation



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Students




Please meet by the Registration Desk
in the Harbor Foyer tomorrow at 3:30 p.m.
(during the afternoon break) for a group photograph.

Free
Peter Honeyman
photobombs!

before





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Activities

USENIX Security '14 Symposium Reception

Wednesday, August 20, 6:00 p.m.–7:30 p.m., Marina Courtyard

Work-in-Progress Reports

Wednesday, August 20, 7:30 p.m.–9:30 p.m., Harbor I

To submit a WiP talk, email sec14wips@usenix.org by 2:00 p.m. today.

USENIX Security '14 Poster Session and Happy Hour

Thursday, August 21, 6:00 p.m.–7:30 p.m., Harbor ABC and Corridor 1

The list of posters is available at www.usenix.org/sec14/posters

USENIX Security '14 Doctoral Colloquium

Thursday, August 21, 7:30 p.m.–9:30 p.m., Harbor I


Book Signings

Warwicks, Harbor Foyer

Phil Lapsley, author of *Exploding The Phone:*

The Untold Story of the Teenagers and Outlaws Who Hacked Ma Bell

Wednesday, 10:30 a.m.–11:00 a.m.



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Upcoming USENIX Events

OSDI '14: 11th USENIX Symposium on Operating Systems Design and Implementation

October 6–8, 2014, Broomfield, CO, USA

Co-located with OSDI '14 and taking place October 5, 2014

Diversity '14: 2014 Workshop on Supporting Diversity in Systems Research

HotDep '14: 10th Workshop on Hot Topics in System Dependability

HotPower '14: 6th Workshop on Power-Aware Computing and Systems

INFLOW '14: 2nd Workshop on Interactions of NVM/Flash with Operating Systems and Workloads

TRIOS '14: 2014 Conference on Timely Results in Operating Systems

LISA14

November 9–14, 2014, Seattle, WA, USA

FAST '15: 13th USENIX Conference on File and Storage Technologies

February 16–19, 2015, Santa Clara, CA, USA

HotOS XV: 15th Workshop on Hot Topics in Operating Systems

May 18–20, 2015, Kartause Ittingen, Switzerland


USENIX ATC '15: USENIX Annual Technical Conference

July 8–10, 2015, Santa Clara, CA, USA

Co-located with ATC '15 and taking place July 6–7, 2015

HotCloud '15: 7th USENIX Workshop on Hot Topics in Cloud Computing

HotStorage '15: 7th USENIX Workshop on Hot Topics in Storage and File Systems



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Announcement: 24th USENIX Security Symposium


August 12–14, 2015, Washington, D.C.

2015 Program Chair:
Jaeyeon Jung
Microsoft Research



Night of USENIX Security
2009 submission deadline





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Best Paper Awards



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But first a reminder... Doctoral Colloquium!


Thursday, August 21,
7:30 p.m.—9:30 p.m., Harbor I

"How to live in paradise: pearls of
wisdom for new and prospective faculty"

"Career paths panel: Academia?
industry? government?"

"Panel: Work/life balance"





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Best Paper Award!

Privacy in Pharmacogenetics: An End-to-End Case Study of Personalized Warfarin Dosing

Matthew Fredrikson, Eric Lantz,
Somesh Jha, Simon Lin†, David Page, Thomas Ristenpart
University of Wisconsin & Marshfield Clinic Research Foundation†

Paper to be presented on
Wednesday 2-3:30PM
during the Privacy session




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Best Student Paper Awards!



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Best Student Paper Awards!

DSCRETE: Automatic Rendering of Forensic Information from Memory Images via Application Logic Reuse

Brendan Saltaformaggio, Zhongshu Gu,
Xiangyu Zhang, Dongyan Xu
Purdue University



Paper to be presented on
Thursday 9-10:30AM
during the Forensics session



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Best Student Paper Awards!

Automatically Detecting Vulnerable Websites Before They Turn Malicious

Kyle Soska and Nicolas Christin
Carnegie Mellon University

Paper to be presented on
Thursday 4-5:30PM
during the Web Security session

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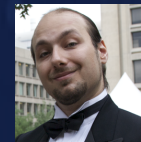


The 2014 USENIX Security Test of Time Award



PRESENTED TO

Roger Dingledine,
Nick Mathewson,
Paul Syverson



for

Tor: The Second-Generation Onion Router

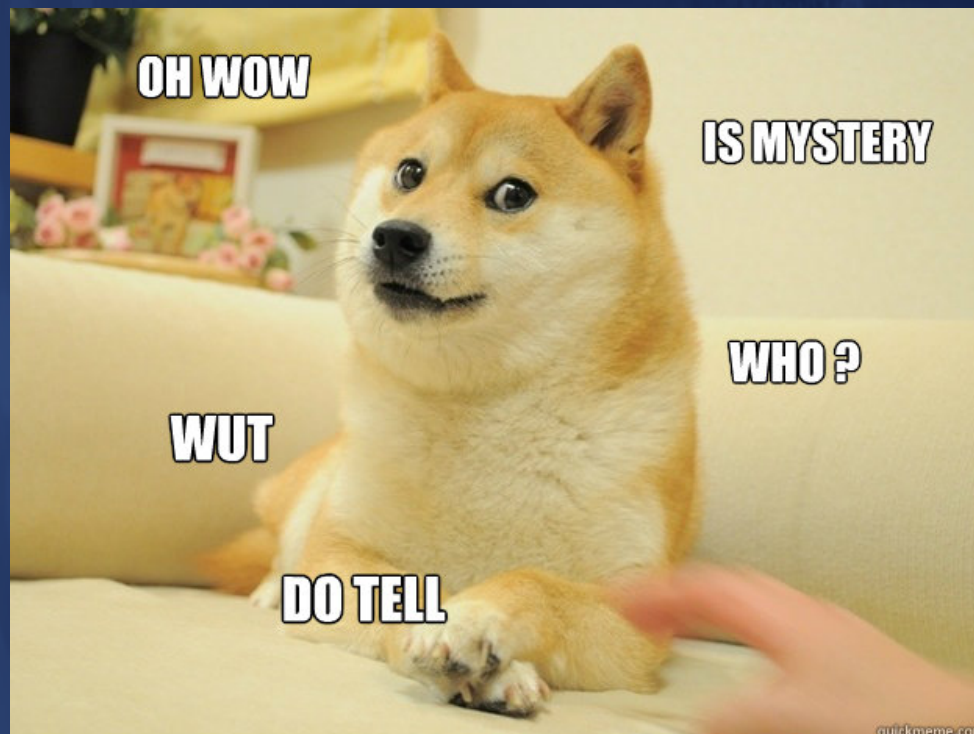
Originally presented at the 13th USENIX Security Symposium in 2004


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One more \$pecial award
at 6 p.m. reception tonight...





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Keynote Address

Phone Phreaks: What We Can Learn From the First Network Hackers?

Phil Lapsley, *Hacker, Consultant, Entrepreneur, and Author of Exploding The Phone: The Untold Story of the Teenagers and Outlaws Who Hacked Ma Bell*