



14th USENIX Security Symposium

<http://www.usenix.org/sec05>

August 1–5, 2005

Baltimore, Maryland, USA

Important Dates for Refereed Papers

Paper submissions due: *February 4, 2005, 11:59 p.m. PST*
(extended deadline; no further extensions possible)

Notification to authors: *April 4, 2005*

Camera-ready final papers due: *May 12, 2005*

Symposium Organizers

Program Chair

Patrick McDaniel, *Pennsylvania State University*

Program Committee

Heather Adkins, *Google*

Steve Bellovin, *Columbia University*

Dan Boneh, *Stanford University*

Peter Chen, *University of Michigan*

Carl Ellison, *Microsoft*

Eu-Jin Goh, *Stanford University*

Trent Jaeger, *IBM Research*

Somesh Jha, *University of Wisconsin*

Angelos Keromytis, *Columbia University*

Yoshi Kohno, *University of California, San Diego*

Tal Malkin, *Columbia University*

Fabian Monrose, *Johns Hopkins University*

Radia Perlman, *Sun Microsystems Laboratories*

Adrian Perrig, *Carnegie Mellon University*

Niels Provos, *Google*

R. Sekar, *SUNY Stony Brook*

Adam Stubblefield, *Johns Hopkins University*

Paul van Oorschot, *Carleton University*

Dan S. Wallach, *Rice University*

Invited Talks Co-Chairs

Virgil Gligor, *University of Maryland at College Park*

Gary McGraw, *Cigital*

Symposium Overview

The USENIX Security Symposium brings together researchers, practitioners, system administrators, system programmers, and others interested in the latest advances in security of computer systems. The 14th USENIX Security Symposium will be held August 1–5, 2005, in Baltimore, MD.

All researchers are encouraged to submit papers covering novel and scientifically significant practical works in security or applied cryptography. Submissions are due on February 4, 2005, 11:59 p.m. PST. The Symposium will span five days: a two-day training program will be followed by a

two and one-half day technical program, which will include refereed papers, invited talks, Work-in-Progress reports, panel discussions, and Birds-of-a-Feather sessions.

Symposium Topics

Refereed paper submissions are solicited in all areas relating to systems and network security, including:

- ◆ Adaptive security and system management
- ◆ Analysis of network and security protocols
- ◆ Applications of cryptographic techniques
- ◆ Attacks against networks and machines
- ◆ Authentication and authorization of users, systems, and applications
- ◆ Automated tools for source code analysis
- ◆ Cryptographic implementation analysis and construction
- ◆ Denial-of-service attacks and countermeasures
- ◆ Filesystem security
- ◆ Firewall technologies
- ◆ Intrusion detection
- ◆ Malicious code analysis
- ◆ Network infrastructure security
- ◆ Operating systems security
- ◆ Privacy preserving (and compromising) systems
- ◆ Public key infrastructure
- ◆ Rights management and copyright protection
- ◆ Security of agents and mobile code
- ◆ Security architectures
- ◆ Security in heterogeneous and large-scale environments
- ◆ Security policy
- ◆ Techniques for developing secure systems
- ◆ Voting systems analysis and security
- ◆ World Wide Web security

Note that the USENIX Security Symposium is primarily a systems security conference. Papers whose contributions are primarily new cryptographic algorithms or protocols, cryptanalysis, electronic commerce primitives, etc., may not be appropriate for this conference.

Refereed Papers & Awards

Papers which have been formally reviewed and accepted will be presented during the Symposium and published in the Symposium Proceedings. The Proceedings will be distributed to attendees and, following the Symposium, will be available online to USENIX members and for purchase.

One author per paper will receive a registration discount of \$200. USENIX will offer a complimentary registration upon request.

Awards may be given at the conference for the best overall paper and for the best paper for which a student is the lead author.

Training Program, Invited Talks, Panels, WiPs, and BoFs

In addition to the refereed papers and the keynote presentation, the Symposium will include a training program, invited talks, panel discussions, Work-in-Progress reports (WiPs), and Birds-of-a-Feather sessions (BoFs). You are invited to make suggestions regarding topics or speakers in any of these sessions via email to the contacts listed below or to the program chair at sec05chair@usenix.org.

Training Program

Tutorials for both technical staff and managers will provide immediately useful, practical information on topics such as local and network security precautions, what cryptography can and cannot do, security mechanisms and policies, firewalls, and monitoring systems. If you are interested in proposing a tutorial or suggesting a topic, contact the USENIX Training Program Coordinator, Dan Klein, by email to dvk@usenix.org.

Invited Talks

There will be several outstanding invited talks in parallel with the refereed papers. Please submit topic suggestions and talk proposals via email to sec05it@usenix.org.

Panel Discussions

The technical sessions may include topical panel discussions. Please send topic suggestions and proposals to sec05chair@usenix.org.

Work-in-Progress Reports (WiPs)

The last session of the Symposium will consist of Work-in-Progress reports (WiPs). This session offers short presentations about work in progress, new results, or timely topics. Speakers should submit a one- or two-paragraph abstract to sec05wips@usenix.org by 6:00 p.m. EST on Wednesday, August 3, 2005. Make sure to include your name, your affiliation, and the title of your talk. The accepted abstracts and session schedule will be posted on the conference Web site. The time available will be distributed among the presenters, with each speaker allocated between 5 and 10 minutes. The time limit will be strictly enforced.

Birds-of-a-Feather Sessions (BoFs)

Birds-of-a-Feather sessions (BoFs) will be held Tuesday, Wednesday, and Thursday evenings. Birds-of-a-Feather sessions are informal gatherings of persons interested in a particular topic. BoFs often feature a presentation or a demonstration followed by discussion, announcements, and the sharing of strategies. BoFs can be scheduled onsite, but if you wish to preschedule a BoF, please email the USENIX Conference Department, conference@usenix.org. They will

need the title of the BoF with a brief description; the name, title, affiliation, and email address of the facilitator; your preference of date; and whether an overhead projector and screen are desired.

Paper Submission Instructions

Papers are due by February 4, 2005, 11:59 p.m. PST. All papers must be submitted electronically through the conference Web site. Details of the submissions process will be made available on the conference Web site, <http://www.usenix.org/events/sec05/cfp>, well in advance of the deadline. Submissions should be finished, complete papers. Papers should be about 8 to a maximum of 16 typeset pages, formatted in 2 columns, using 10 point Times Roman type on 12 point leading, in a text block of 6.5" by 9".

Submissions must be in PDF format (i.e., processed by Adobe's Acrobat Distiller or equivalent). Note that LaTeX users can use the "dvi2pdf" command to convert a DVI file into PDF format. Please make sure your submission can be opened using Adobe Acrobat 5.0. For more details on the submission process, authors are encouraged to consult the detailed author guidelines.

To insure that we can read your PDF file, authors are urged to follow the NSF "Fastlane" guidelines for document preparation (<http://www.fastlane.nsf.gov/a1/pdfcreat.htm>) and to pay special attention to unusual fonts.

All submissions will be judged on originality, relevance, correctness, and clarity. The USENIX Security Symposium, like most conferences and journals, requires that papers not be submitted simultaneously to another conference or publication and that submitted papers not be previously published elsewhere, or subsequently published within 12 months of acceptance at the Symposium. Any paper found to be in violation of these rules will be rejected without review. (We may share information about submissions with the program chairs of other conferences considering papers during the review period.) Papers accompanied by non-disclosure agreement forms will not be considered. All submissions are treated as confidential, both as a matter of policy and in accordance with the U.S. Copyright Act of 1976.

Authors will be notified of acceptance by April 4, 2005. The camera-ready final paper due date is May 12, 2005. Each accepted submission may be assigned a member of the program committee to act as its shepherd through the preparation of the final paper. The assigned member will act as a conduit for feedback from the committee to the authors.

Specific questions about submissions may be sent via email to the program chair at sec05chair@usenix.org.

Program and Registration Information

Complete program and registration information will be available in late April 2005 on the Symposium Web site. The information will be in both HTML and a printable PDF file. If you would like to receive the latest USENIX conference information, please join our mailing list by visiting <http://www.usenix.org/about/ mailing.html>.