

# 20th USENIX Security Symposium

<http://www.usenix.org/sec11>

August 8–12, 2011

San Francisco, CA

## Important Dates

Paper submissions due: *Thursday, February 10, 2011, 11:59 p.m. PST (firm deadline)*

Invited talk proposals due: *Thursday, February 10, 2011*

Panel proposals due: *Friday, April 8, 2011*

Notification to authors: *Sunday, April 17, 2011*

Final papers due: *Tuesday, June 7, 2011 (firm deadline)*

Poster proposals due: *Monday, July 11, 2011*

Notification to poster presenters: *Thursday, July 14, 2011*

Rump session submissions due: *Wednesday, August 10, 2011, 11:59 a.m. PDT*

## Symposium Organizers

### Program Chair

David Wagner, *University of California, Berkeley*

### Program Committee

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### Invited Talks Committee

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Dan Geer, *In-Q-Tel*

Dan Wallach, *Rice University*

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### Poster Session Chair

Patrick Traynor, *Georgia Institute of Technology*

### Rump Session Chair

Matt Blaze, *University of Pennsylvania*

## Overview

The USENIX Security Symposium brings together researchers, practitioners, system administrators, system programmers, and others interested in the latest advances in the security of computer systems and networks. The 20th USENIX Security Symposium will be held August 10–12, 2011, in San Francisco, CA.

All researchers are encouraged to submit papers covering novel and scientifically significant practical works in security or applied cryptography. Submissions are due on Thursday, February 10, 2011, 11:59 p.m. PST. The Symposium will span three days, with a technical program including refereed papers, invited talks, posters, panel discussions, and Birds-of-a-Feather sessions. Workshops will precede the symposium on August 8 and 9. If you are interested in proposing a workshop, contact [workshops@usenix.org](mailto:workshops@usenix.org).

## 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
- Botnets
- Cryptographic implementation analysis and construction
- Denial-of-service attacks and countermeasures
- File and filesystem security
- Firewall technologies
- Forensics and diagnostics for security
- Hardware security
- Intrusion and anomaly detection and prevention
- Malicious code analysis, anti-virus, anti-spyware
- Network infrastructure security
- Operating system security
- Privacy-preserving (and compromising) systems
- Public key infrastructure
- Rights management and copyright protection
- Security architectures
- Security in heterogeneous and large-scale environments
- Security policy
- Self-protecting and -healing systems
- Techniques for developing secure systems
- Technologies for trustworthy computing
- Usability and security
- Voting systems analysis and security
- Wireless and pervasive/ubiquitous computing security
- Web security, including client-side and server-side 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.

Program committee members are limited to being authors or co-authors of at most two paper submissions. The program chair is not permitted to be author or co-author of any paper submissions.

## Refereed Papers

Papers that have been formally reviewed and accepted will be presented during the Symposium and published in the Symposium Proceedings. It is expected that one of the paper authors will attend the conference and present the work. It is the responsibility of the authors to find a suitable replacement presenter for their work, if the need arises.

A registration discount will be available for one author per paper. If the registration fee poses a hardship to the presenter, USENIX will offer complimentary registration.

The Proceedings will be available online for registered attendees before the Symposium and for everyone starting on the opening day of the technical sessions. Attendees may choose also to receive a USB drive pre-loaded with the Proceedings.

## Invited Talks, Panels, Poster Session, Rump Session, and BoFs

In addition to the refereed papers and the keynote presentation, the technical program will include invited talks, panel discussions, a Poster Session, 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 [sec11chair@usenix.org](mailto:sec11chair@usenix.org).

### Invited Talks

Invited talks will be held in parallel with the refereed paper sessions. Please submit topic suggestions and talk proposals via email to [sec11it@usenix.org](mailto:sec11it@usenix.org) by Thursday, February 10, 2011.

### Panel Discussions

The technical sessions may include topical panel discussions. Please send topic suggestions and proposals to [sec11chair@usenix.org](mailto:sec11chair@usenix.org). The deadline for panel proposals is Friday, April 8, 2011.

### Poster Session

Would you like to share a provocative opinion, interesting preliminary work, or a cool idea that will spark discussion at this year's USENIX Security Symposium? The poster session is the perfect venue to introduce such new or ongoing work. Poster presenters will have the entirety of the evening reception to discuss their work, get exposure, and receive feedback from attendees.

To submit a poster, please submit a draft of your poster, in PDF (maximum size 36" by 48"), or a one-page abstract via the poster session submission form on <http://www.usenix.org/events/sec11/activities.html> by July 11, 2011. Decisions will be made by July 14, 2011. Posters will not be included in the proceedings but may be made available online if circumstances permit. Poster submissions must include the authors' names, affiliations, and contact information.

### Rump Session

Building on last's year success, we will host a rump session on the evening of Wednesday, August 10, 2011. This is intended as an informal session for short and engaging presentations on recent unpublished results, work in progress, or other topics of interest to the USENIX Security attendees. To submit a rump session talk, email [sec11rump@usenix.org](mailto:sec11rump@usenix.org) by Wednesday, August 10, 2011, at 11:59 a.m. PDT.

### 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 on-site or in advance. To preschedule a BoF, please send email to the USENIX Conference Department at [bofs@usenix.org](mailto:bofs@usenix.org) with the title and a brief description of the BoF; the name, title, affiliation, and email address of the facilitator; and your preference of date and time.

## How and Where to Submit Refereed Papers

Papers are due by Thursday, February 10, 2011, at 11:59 p.m. PST (firm deadline). All submissions will be made online via a Web form on the Call for Papers Web site, <http://www.usenix.org/sec11/cfp>. Submissions should be finished, complete papers.

Paper submissions should at most 13 typeset pages, excluding bibliography and well-marked appendices. There is no limit on the length of appendices, but reviewers are not required to read them. Once accepted, papers must be reformatted to fit in 16 pages, including bibliography and any appendices. The submission must be formatted in a 2 columns, using 10 point Times Roman type on 12 point leading, in a text block of 6.5" by 9". If you wish, please make use of the LaTeX file and style file available at <http://www.usenix.org/sec11/cfp> when preparing your paper for submission. The page limits are intended to include the bibliography and any appendices. Reviewers may not take into consideration any portion of a submission that is over the stated limit.

Paper submissions must be submitted in a form suitable for anonymous review: no author names or affiliations may appear on the title page, and authors should avoid revealing their identity in the text. When referring to your previous work, do so in the third person, as though it were written by someone else. Only blind the reference itself in the (unusual) case that a third-person reference is infeasible. Contact the program chair at [sec11chair@usenix.org](mailto:sec11chair@usenix.org) if you have any questions. Papers that are not properly anonymized may be rejected without review.

**Important:** Note that the anonymity policy and page limits have changed from prior years.

Submissions must be in PDF format. Note that LaTeX users can use the "pdflatex" command to convert a LaTeX document into PDF format. Please make sure your submission can be opened using Adobe Reader.

All submissions will be judged on originality, relevance, correctness, and clarity. In addition to citing relevant published work, authors should relate their submission to any other relevant submissions of theirs in other venues that are under review at the same time as their submission to the Symposium. Simultaneous submission of the same work to multiple venues, submission of previously published work, or plagiarism constitutes dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may take action against authors who have committed them. See the USENIX Conference Submissions Policy at <http://www.usenix.org/submissionpolicy>. Questions? Contact your program chair, [sec11chair@usenix.org](mailto:sec11chair@usenix.org), or the USENIX office, [submissionpolicy@usenix.org](mailto:submissionpolicy@usenix.org).

Papers accompanied by nondisclosure agreement forms will not be considered. Accepted submissions will be treated as confidential prior to publication on the USENIX Security '11 Web site; rejected submissions will be permanently treated as confidential.

Authors will be notified of acceptance by Sunday, April 17, 2011. The final paper due date is Tuesday, June 7, 2011 (firm deadline). 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.

All papers will be available online to registered attendees before the symposium. If your accepted paper should not be published prior to the event, please notify [production@usenix.org](mailto:production@usenix.org). The papers will be available online to everyone beginning on the first day of the symposium, August 10, 2011.

Specific questions about submissions may be sent to the program chair at [sec11chair@usenix.org](mailto:sec11chair@usenix.org).

## Sponsorship Opportunities

Interested in sponsoring USENIX Security '11? Contact [sponsorship@usenix.org](mailto:sponsorship@usenix.org).

## Program and Registration Information

Complete program and registration information will be available in April 2011 on the conference Web site. If you would like to receive the latest USENIX conference information, please join our mailing list at <http://www.usenix.org/about/mailling.html>.