

33rd IEEE Symposium on Security and Privacy — Call for Papers

20-23 May 2012, Westin St Francis Hotel, San Francisco

Sponsored by the IEEE Computer Society Technical Committee of Security and Privacy (In cooperation with LACR)



Important Dates

All deadlines at **23:59 PST**
(UTC-8). **No extensions.**

Research and SoK papers due:
Wednesday, 16 November 2011

Paper decision notification:
Wednesday, 1 February 2012

Final papers due:
Monday, 5 March 2012

Since 1980, the IEEE Symposium on Security and Privacy has been the premier forum for computer security research, presenting the latest developments and bringing together researchers and practitioners.

We solicit previously unpublished papers offering novel research contributions in any aspect of computer security or privacy. Papers may present advances in the theory, design, implementation, analysis, verification, or empirical evaluation of secure systems.

Topics of interest include:

Access control	Accountability	Anonymity
Application security	Attacks and defenses	Authentication
Censorship and censorship-resistance	Distributed systems security	Embedded systems security
Forensics	Hardware security	Intrusion detection
Malware	Metrics	Language-based security
Network security	Privacy-preserving systems	Protocol security
Secure information flow	Security and privacy policies	Security architectures
System security	Usability and security	Web security

This topic list is not meant to be exhaustive; S&P is interested in all aspects of computer security and privacy. Papers without a clear application to security or privacy, however, will be considered out of scope and may be rejected without full review. See back for detailed submission instructions.

Systematization of Knowledge Papers

Following the success of the previous year's conferences, we are also soliciting papers focused on systematization of knowledge (SoK). The goal of this call is to encourage work that evaluates, systematizes, and contextualizes existing knowledge. These papers will provide a high value to our community but would otherwise not be accepted because they lack novel research contributions. Suitable papers include survey papers that provide useful perspectives on major research areas, papers that support or challenge long-held beliefs with compelling evidence, or papers that provide an extensive and realistic evaluation of competing approaches to solving specific problems. Submissions will be distinguished by a checkbox on the submission form. They will be reviewed by the full PC and held to the same standards as traditional research papers, except instead of emphasizing novel research contributions the emphasis will be on value to the community. Accepted papers will be presented at the symposium and included in the proceedings.

Workshops

The Symposium is also soliciting submissions for co-located workshops. Workshop proposals should be sent by Friday, 15 August 2011. Details on submissions can be found at this website: <http://iee-security.org/TC/SPW2012/>.

Program Committee

Co-Chairs: Somesh Jha (University of Wisconsin-Madison), Wenke Lee (Georgia Institute of Technology)

Guiseppe Ateniese, Johns Hopkins	Virgil Gligor, Carnegie Mellon University	Patrick McDaniel, Pennsylvania State University
Michael Backes, Max Planck Institute	Steve Gribble, University of Washington	Andrew Myers, Cornell University
Michael Bailey, University of Michigan	Guofei Gu, Texas A&M University	Roberto Perdisci, University of Georgia
Kevin Borders, National Security Agency	Engin Kirda, Northeastern University	Zachary N. J. Peterson, Naval Postgraduate School
Hebert Bos, Vrije Universiteit Amsterdam	Shriram Krishnamurthi, Brown University	Thomas Ristenpart, University of Wisconsin
David Brumley, Carnegie Mellon University	Christopher Kruegel, U. California-Santa Barbara	William Robertson, Northeastern University
Kevin Butler, University of Oregon	David Molnar, Microsoft Research	R. Sekar, Stony Brook University
Juan Caballero, IMDEA Software Institute	Arvind Narayanan, Stanford University	Simha Sethumadhavan, Columbia University
Cristian Cadar, Imperial College	Cristina Nita-Rotaru, Purdue University	Greg Shannon, Carnegie Mellon/CERT
Shuo Chen, Microsoft Research	Brian Payne, Sandia National Labs	Kapil Singh, IBM Research
Weidong Cui, Microsoft Research	Adrian Perrig, Carnegie Mellon University	Radu Sion, Stony Brook University
Robert Cunningham, MIT Lincoln Laboratory	J. Alex Halderman, University of Michigan	Angelos Stavrou, Goerge Mason University
Anupam Dutta, Carnegie Mellon University	Thorsten Holz, ISEC Lab	Patrick Traynor, Georgia Institute of Technology
William Enck, North Carolina State	Tadayoshi Kohno, University of Washington	Venkat Venkatakrishnan, U. Illinois—Chicago
David Evans, University of Virginia	Ninghui Li, Purdue University	Dan Wallach, Rice University
Nick Feamster, Georgia Institute of Technology	Ben Livshits, Microsoft Research	Xiaofeng Wang, Indiana University
Debin Gao, Singapore Management University	Z. Morley Mao, University of Michigan	
Jon Giffin, Georgia Institute of Technology	Jonathan McCune, Carnegie Mellon University	

Instructions for Paper Submission

These instructions apply to both the research papers and systematization of knowledge papers.

All submissions must be original work; the submitter must clearly document any overlap with previously published or simultaneously submitted papers from any of the authors. Simultaneous submission of the same paper to another venue with proceedings or a journal is not allowed and will be grounds for automatic rejection. Contact the program committee chairs if there are questions about this policy. Papers must be submitted using the conference submission server: <http://www.ieee-security.org/TC/SP2012/>. Submissions may be started now, and updated at any time until the submission deadline expires.

Anonymous Submission. Papers must be submitted in a form suitable for anonymous review: no author names or affiliations may appear on the title page, and papers 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 chairs if you have any questions. Papers that are not properly anonymized may be rejected without review.

Page Limit and Formatting. Papers must not exceed 15 pages total (including the references and appendices). Papers must be formatted for US letter (not A4) size paper with margins of at least 3/4 inch on all sides. The text must be formatted in a two-column layout, with columns no more than 9 in. high and 3.375 in. wide. The text must be in Times font, 10-point or larger, with 12-point or larger line spacing. Authors are encouraged to use the IEEE conference proceedings templates found at: <http://www.computer.org/portal/web/csps/formatting>.

Submission. Submissions must be in Portable Document Format (.pdf). Authors should pay special attention to unusual fonts, images, and figures that might create problems for reviewers. Your document should render correctly in Adobe Reader 9 and when printed in black and white.

Publication and Presentation. Authors are responsible for obtaining appropriate publication clearances. One of the authors of the accepted paper is expected to present the paper at the conference. Submissions received after the submission deadline or failing to conform to the submission guidelines risk rejection without review.

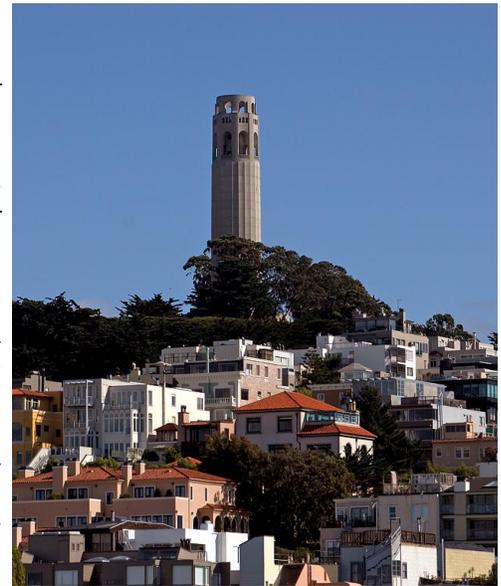
For more information, contact the Program Co-Chairs at: oakland12-pcchairs@ieee-security.org

Posters

There will be a poster session at a reception during the conference. Posters are solicited that present recent and ongoing research on topics related to security and privacy. The poster session is an excellent opportunity to obtain feedback on ongoing work. More information on poster submissions will be available on the conference website.

Work-in-Progress Talks

A continuing feature of the symposium is a session of 5-minute talks where attendees can present preliminary research results and new ideas. More information on work-in-progress talk submissions will be available on the conference website.



Oakland 2012 Symposium Organizers

General Chair

Rob Cunningham (MIT Lincoln Laboratory)

Program Chairs

Somesh Jha (Univ. of Wisconsin, Madison),
Wenke Lee (Georgia Institute of Technology)

Treasurer: Greg Shannon (CMU CERT)

Registration Chair: Robin Sommer (ICSI and Lawrence Berkeley National Laboratory)

