32nd *IEEE Symposium on Security and Privacy* — **Call for Papers**
22-25 May 2011, The Claremont Resort, Oakland, CA
Sponsored by the IEEE Computer Society Technical Committee of Security and Privacy

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We solicit previously unpublished papers offering novel research contributions in any aspect of computer security or privacy.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.

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

Workshop proposals due:
Friday, 27 August 2010
Workshop notification:
Friday, 17 September 2010

Research and SoK papers due:
Friday, 19 November 2010
Paper decision notification:
Monday, 31 January 2011
Final papers due:
Firday, 4 March 2011

Systematization of Knowledge Papers
Following the success of the previous year's conference, 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, 27 August 2010** by email to *oakland-workshops@cs.ucsb.edu*. Workshops may be half-day or full-day in length. Submissions should include the workshop title, a short description of the topic of the workshop, and biographies of the organizers.

Program Committee
Co-Chairs: Giovanni Vigna, UC Santa Barbara and Somesh Jha, University of Wisconsin, Madison

Giuseppe Ateniese, Johns Hopkins University
Lujo Bauer, Carnegie Mellon University
Shuo Chen, Microsoft Research
David Evans, University of Virginia
Debin Gao, Singapore Management University
Virgil Gligor, Carnegie Mellon University
Trent Jaeger, Penn State University
Engin Kirda, Eurecom, France
Wenke Lee, Georgia Tech
Sergio Maffeis, Imperial College London
Patrick McDaniel, Penn State University
Andrew Myers, Cornell University
Mike Reiter, University of North Carolina
Stuart Schechter, Microsoft Research
Sean Smith, Dartmouth College
Patrick Traynor, Georgia Tech
Dan Wallach, Rice University

Michael Backes, Saarland University and MPI
David Brumley, Carnegie Mellon University
Weidong Cui, Microsoft Research
Nick Feamster, GeorgiaTech
Jon Giffin, GeorgiaTech
Guofei Gu, Texas A&M University
Farnam Jahanian, University of Michigan
Shriram Krishnamurthi, Brown University
Ben Livshits, Microsoft Research
Z. Morley Mao, University of Michigan
John Mitchell, Stanford University
Cristina Nita-Rotaru, Purdue University
William Robertson, UC Berkeley
R. Sekar, Stony Brook University
Angelos Stavrou, George Mason University
Venkat Venkatakrishnan, University of Illinois, Chicago
XiaoFeng Wang, Indiana University

Michael Bailey, University of Michigan
Christian Cadar, Imperial College London
Anupam Datta, Carnegie Mellon University
Kevin Fu, UMass Amherst
Steven Gribble, University of Washington
Thorsten Holz, Bochum University, Germany
Yoshi Kohno, University of Washington
Christopher Kruegel, UC Santa Barbara
Michael Locasto, University of Calgary
Jon McCune, Carnegie Mellon University
David Molnar, Microsoft Research
Adrian Perrig, Carnegie Mellon University
Hovav Shacham, UC San Diego
Radu Sion, Stony Brook University
Ed Suh, Cornell University
David Wagner, UC Berkeley

Instructions for Paper Submission

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

All submissions must be original work and must precisely 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. Failure to clearly document such overlaps will lead to automatic rejection.

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 someone else wrote it. 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/cscps/formatting*.

Submission. Papers should be submitted using the web submission system available at *http://oakland32-submit.cs.ucsb.edu/*. 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; authors of accepted papers are expected to sign IEEE copyright release forms. 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:
oakland11-pcchairs@ieee-security.org

Oakland 2010 Symposium Organizers

General Chair
Deb Frincke (Pacific Northwest Natl Lab)

Program Chairs
Giovanni Vigna (UC Santa Barbara) and
Somesh Jha (Univ. of Wisconsin, Madison)

Treasurer
Robin Sommer (ICSI/LBNL)

Registration Chair
Robert Cunningham (MIT/Lincoln Labs)

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.