



The 17th Annual
Network and Distributed System Security Symposium
The Dana on Mission Bay
San Diego, California
February 28 - March 3, 2010

Sponsored by the Internet Society



Call for Papers

IMPORTANT DATES

- Titles and abstracts of papers due: Friday, September 11, 2009 (11:59 pm EDT)
- Full paper and panel submissions due: Friday, September 18, 2009 (11:59 pm EDT)
- Author notification: Friday, November 13, 2009
- Final version of papers and panels due: Friday, December 18, 2009

SYMPOSIUM GOALS

The Network and Distributed System Security Symposium fosters information exchange among research scientists and practitioners of network and distributed system security services. The target audience includes those interested in practical aspects of network and distributed system security, with a focus on actual system design and implementation (rather than theory). A major goal is to encourage and enable the Internet community to apply, deploy, and advance the state of available security technology. The proceedings are published by the Internet Society (ISOC).

HOW TO SUBMIT

Submission instructions are available at: <https://www.softconf.com/a/ndss2010>

WHAT TO SUBMIT

Both technical papers and panel proposals are solicited. Technical papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. All papers from authors perpetrating such "double submissions" will be immediately rejected from the symposium. The Program Committee reserves the right to share information with other conference chairs and journal editors so as to detect such cases.

Technical papers should not exceed 20 pages, total, including the bibliography and well-marked appendices (using 11-point font, single column format, and 1-inch margins on 8.5"x11" or A4 paper). Technical papers must include the authors' names and affiliations.

The Program Committee members are not required to read the appendices, so the paper should be intelligible without them. Technical papers will appear in the proceedings. Panel proposals should be one page and must describe the topic, identify the panel chair, explain the panel format, and list three to four potential panelists. A description of each panel will appear in the proceedings, and may, at the discretion of the panel chair, include written position statements from the panelists.

Submissions are solicited in, but not limited to, the following areas:

- Security of Web-based applications and services
- Anti-malware techniques: detection, analysis, and prevention
- Intrusion prevention, detection, and response
- Security for electronic voting
- Combating cyber-crime: anti-phishing, anti-spam, anti-fraud techniques
- Privacy and anonymity technologies
- Network perimeter controls: firewalls, packet filters, and application gateways

- Security for emerging technologies: sensor networks, wireless/mobile (and ad hoc) networks, and personal communication systems
- Security for Vehicular Ad-hoc Networks (VANETs)
- Security for peer-to-peer and overlay network systems
- Security for electronic commerce: e.g., payment, barter, EDI, notarization, timestamping, endorsement, and licensing
- Implementation, deployment and management of network security policies
- Intellectual property protection: protocols, implementations, metering, watermarking, digital rights management
- Integrating security services with system and application security facilities and protocols
- Public key infrastructures, key management, certification, and revocation
- Special problems and case studies: e.g., tradeoffs between security and efficiency, usability, reliability and cost
- Security for collaborative applications: teleconferencing and video-conferencing
- Software hardening: e.g., detecting and defending against software bugs (overflows, etc.)
- Security for large-scale systems and critical infrastructures
- Integrating security in Internet protocols: routing, naming, network management

TRUST AND IDENTITY

To promote research in the area of Trust and Identity, the Internet Society will present a USD 500.00 prize for a paper on a significant development in addressing current problems in on-line identity management. Examples of possible topics include:

- On-line reputation management
- Third party identity provision
- Privacy and anonymity technologies
- Pseudonymity and user managed identity

Submitting authors should follow the same submission guidelines established for other NDSS 2010 topic areas. ISOC will cover travel, registration fee, and hotel accommodation for the designated author to attend NDSS 2010 and present the paper. The USD 500 cash award is the total prize. In the event of co-authors, the cash award will be divided evenly.

The deadline for full submissions, made electronically in PDF format, is 11:59 pm EST, September 18, 2009. However, titles and abstracts of papers must be received by 11:59 pm EST, September 11, 2009. Each submission will be acknowledged by email; if acknowledgement is not received within seven days, contact the Program Chair. Authors and panelists will be notified of acceptance by November 16, 2009, and given instructions for preparing the camera-ready copy.

PROGRAM COMMITTEE

Wenke Lee, Georgia Institute of Technology, USA (Chair)
 Giuseppe Ateniese, Johns Hopkins University, USA
 Michael Backes, Saarland University and MPI-SWS, Germany
 Michael Bailey, University of Michigan, USA
 Lujo Bauer, Carnegie Mellon University, USA
 Adam Barth, University of California, Berkeley, USA
 Konstantin Beznosov, University of British Columbia, Canada
 Nikita Borisov, University of Illinois at Urbana Champaign, USA
 David Brumley, Carnegie Mellon University, USA
 Srdjan Capkun, ETH Zurich, Switzerland
 Hao Chen, University of California, Davis, USA
 Yan Chen, Northwestern University, USA
 Mihai Christodorescu, IBM Watson, USA
 Scott Coull, Johns Hopkins University, USA
 Weidong Cui, Microsoft Research, USA
 George Danezis, Microsoft Research, UK
 David Evans, University of Virginia, USA
 Nick Feamster, Georgia Institute of Technology, USA
 Vinod Ganapathy, Rutgers University, USA

Tal Garfinkel, VMware, USA
 Thorsten Holz, University of Mannheim, Germany
 Engin Kirda, Eurecom, France
 Tadayoshi Kohno, University of Washington, USA
 Christian Kreibich, International Computer Science Institute, USA
 Christopher Kruegel, University of California, Santa Barbara, USA
 Michael Locasto, George Mason University, USA
 Phil Porras, SRI International, USA
 Adrian Perrig, Carnegie Mellon University, USA
 Niels Provos, Google, USA
 Moheeb Rajab, Google, USA
 Mike Reiter, University of North Carolina, USA
 Hovav Shacham, University of California, San Diego, USA
 Radu Sion, Stony Brook University, USA
 Sean Smith, Dartmouth College, USA
 Angelos Stavrou, George Mason University, USA
 Patrick Traynor, Georgia Institute of Technology, USA
 Nick Weaver, International Computer Science Institute, USA