



The 16th Annual  
Network and Distributed System  
Security Symposium  
The Catamaran Resort Hotel and Spa  
San Diego, California  
February 8-11, 2009

*Sponsored by the Internet Society*



## *Call for Papers*

### **IMPORTANT DATES:**

- Titles and abstracts of papers due: Friday, September 12, 2008 (11:59 pm PDT)
- Full paper and panel submissions due: Friday, September 19, 2008 (11:59 pm PDT)
- Author notification: Monday, November 3, 2008
- Final version of papers & panels due: Friday, December 12, 2008

### **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.

### **HOW TO SUBMIT:**

Submission instructions are available at <http://www.isoc.org/tools/conferences/NDSS09>

### **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 be at most 15 pages excluding the bibliography and well-marked appendices (using 11-point font, single column format, and 1-inch margins on 8.5"x11" or A4 paper), and at most 20 pages total. Technical papers must include the authors' name and affiliation.

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, 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, application gateways.
- Security for emerging technologies: sensor networks, wireless/mobile (and ad hoc) networks, personal communication systems.
- 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.

Each submission must be accompanied by a separate, electronically-submitted Submission Overview specifying the submission type (paper or panel), the title or topic, author names with organizational affiliations, and must specify a contact author along with corresponding phone number, FAX number, postal address and email address.

The deadline for full submissions, made electronically in PDF format, is extended to 11:59 pm PDT, September 19, 2008. However, titles and abstracts of papers must be received by 11:59 pm PDT, September 12, 2008. Each submission will be acknowledged by email; if acknowledgment is not received within seven days, contact the Program Chair. Authors and panelists will be notified of acceptance by November 3, 2008, and given instructions for preparing the camera-ready copy.

#### **PROGRAM COMMITTEE:**

- Giovanni Vigna (Program Chair)
- Giuseppe Ateniese, Johns Hopkins University, USA
- Lujo Bauer, Carnegie Mellon University, USA
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- Kostantin Beznosov, Univ. of British Columbia, Canada
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