

10th Workshop on Secure Network Protocols (NPsec 2015)

In conjunction with the 23d IEEE International Conference on Network Protocols
San Francisco, California, USA, November 10-13 2015

Call For Papers

Scope

The Workshop on Secure Network Protocols (NPsec) is a top workshop focusing on cutting-edge research with a broad range of topics related to secure network protocols. NPsec 2015 is a one-day event held in conjunction with the 23d IEEE International Conference on Network Protocols (ICNP 2015). NPsec 2015 focuses on two exciting areas related to secure network protocols. First, development and analysis of networking protocols for the secure operation of various network infrastructures, including both today's Internet and future Internet architectures, wireless and mobile networking, cloud-based networking, and P2P and overlay networks. Papers about new secure protocols, security enhancements to existing protocols, or protocol analysis (such as new attacks on existing protocols) are welcome. Second, employing such secure network protocols to create or enhance network applications, especially those in new and emerging areas, such as support for the Internet of Things, vehicular networks, and software defined networks.

Topics of interest include but are not limited to:

- Vulnerabilities of existing protocols and applications (both theoretical and case studies), including attacks
- Privacy enhancements for networks
- Design of new secure or resilient network protocols
- Security enhancements to existing networking protocols
- Deployment study of secure protocols on the Internet (e.g., BGPSEC, DNSSEC, IPSEC)
- Security in future Internet architectures (e.g. Information-centric networking, software-defined networking)
- Secure network protocols for network applications (e.g., online social networking, gaming)

Important dates

Submission Deadline: **August 13, 2015 (Firm deadline extension!)** (11:59 PM PDT)

Notification of acceptance: August 25, 2015

Camera ready version: September 4, 2015

Workshop: November 10, 2015

Best paper award

We will be selecting one of the papers from the workshop for a best paper award. The winner will be announced during the workshop.

Submission requirements

Submitted papers must be no longer than six (6) pages in double-column format with standard margins (i.e., at least one inch all around) and at least a 10 point font. This length includes everything: _figures, tables, references, appendices and so forth. Longer submissions will not be reviewed.

Papers must be written in English and formatted for printing on US LETTER (8.5" by 11") size paper. Papers should include a title; full list of authors, their organization and email address; and an abstract of fewer than 200 words.

All papers must adhere to IEEE formatting standards. Consult the IEEE Transactions LaTeX and

Microsoft Word Style Files (<http://www.ieee.org/web/publications/authors/transjnl/index.html>).
Papers must be submitted in PDF (Portable Document Format) and compatible with Acrobat (English version), not including any special characters or non-standard fonts.

Organizers

Steering Committee:

Cristina Nita-Rotaru, Purdue University, USA (chair)
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- Olaf Maennel, Tallinn University of Technology
- Daniel Massey, US Department of Homeland Security
- Colin Perkins, University of Glasgow
- Ahren Studer, NSA Research
- Lan Wang, University of Memphis
- Tilman Wolf, University of Massachusetts
- Alvaro Retana, Cisco Systems, Inc.

Web Page:

<http://www.lasr.cs.ucla.edu/npsec2015>