



In conjunction with the 17th IEEE International Conference on Network Protocols, Princeton, New Jersey, October 13-16, 2009

CALL FOR PAPERS

The 5th workshop on Secure Network Protocols (NPSEC) is a one-day event held in conjunction with ICNP 2009. NPSEC focuses on two general areas. The first focus is on the development and analysis of secure or hardened protocols for the operation (establishment and maintenance) of network infrastructure, including such targets as secure multidomain, ad hoc, sensor or overlay networks, or other related target areas. This can include new protocols, enhancements to existing protocols, protocol analysis, and new attacks on existing protocols. The second focus is on employing such secure network protocols to create or enhance network applications. Examples include collaborative firewalls, incentive strategies for multiparty networks, and deployment strategies to enable secure applications.

NPSEC 2009 particularly welcomes new ideas on security in the context of future Internet design, such as architectural considerations for future Internet security and new primitives for supporting secure network protocol and application design.

Topics of interest include but are not limited to:

1. security in future Internet architectures, e.g. role of security in future architectures, integrating security into future protocols and applications
2. secure and/or resilient network protocols, e.g. internetworking/routing, MANETs, LANs and WLANs, mobile/cellular data networks, p2p and other overlay networks, federated trust systems, and sensor networks
3. vulnerabilities of existing protocols and applications (both theoretical and case studies), including attacks
4. key distribution/management
5. intrusion detection and response
6. secure protocol configuration and deployment

Important Dates

Abstract Submission: June 8, 2009
Paper Submission: June 15, 2009
Notification of Acceptance: July 15, 2009
Camera Ready Version: August 5, 2009

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