



Call for Paper

The Fourth IEEE LCN Workshop on Network Security (WNS 2008)

<http://wns.fgan.de>

Montreal, Canada
October 17, 2008



to be held in conjunction with
the 33rd Annual **IEEE Conference on Local Computer Networks (LCN 2008)**,
October 14-17, 2008, Montreal, Canada

General Chair:

Jens Tölle

FGAN, Germany

Program Chairs:

Nils Aschenbruck

University of Bonn, Germany

Jeff Boleng

US Air Force Academy, USA

Technical Program Committee:

David Carman

*Johns Hopkins Applied Physics
Laboratory, USA*

Christian Doerr

University of Colorado, USA

Mohamed Eltoweissy

Virginia Tech, USA

Nidal Nasser

University of Guelph, Canada

Jianping Pan

University of Victoria, Canada

Christoph Schuba

Sun Microsystems, Inc.

Minho Shin

Dartmouth College, USA

Tim Strayer

BBN Technologies, USA

Patrick Traynor

Penn State University, USA

Weichao Wang

*University of North Carolina at
Charlotte, USA*

Wenye Wang

NC State University, USA

Stephen Wolthusen

*Royal Holloway, Univ. of London,
UK and Gjøvik University College,
Norway*

Matthew Wright

Univ. of Texas at Arlington, USA

Moustafa Youssef

Nile University, Egypt

Pieter Mudge Zatkó

BBN Technologies, USA

Mohammad Zulkernine

Queen's University, Canada

The proliferation of commercial activities over different networked systems has brought security concerns on an unprecedented scale. From traditional Internet-based applications to newly emerging ubiquitous services over 3G, Wireless LAN, and mobile ad hoc and sensor networks, there is an increasing demand of measures to guarantee the confidentiality, integrity, and availability of system services.

The main purpose of this workshop is to promote further research interests and activities on network security. It is also aimed at increasing the synergy between academic and industrial researchers working in this area. We are interested in experimental, systems-related, and work-in-progress papers in all aspects of network security.

The topics of interest include (but are not limited to):

- Novel and emerging secure architecture
- Study of attack strategies, attack modelling
- Case studies and analysis of actual attacks
- Continuity of Operations during an attack
- Key management
- Trust management
- Intrusion detection techniques
- Intrusion response, alarm management, and correlation analysis
- Study of tradeoffs between security and system performance
- Intrusion tolerance systems
- Secure protocols
- Security in wireless networks (e.g., ad hoc networks, sensor networks, WiMAX, WPAN, etc.)
- Battlefield wireless security solutions
- Security issues in Software Defined Radios

Authors are invited to submit full papers for presentation at the workshop. Papers (no more than 8 camera-ready pages, in IEEE TRANSACTION format) should describe original, previously unpublished work, not currently under review by another conference, workshop, or journal. All accepted papers will appear in the IEEE LCN conference proceedings. All paper submissions will be handled electronically in EDAS. Manuscripts that are not compliant with the requirements may be declined without review.

Important Dates:

Paper submission deadline: May 17, 2008
Notification of acceptance: June 30, 2008
Camera-ready paper due: July 28, 2008
Author registration by: July 28, 2008

Please direct your questions to the program co-chairs:

Nils Aschenbruck <aschenbruck@cs.bonn.edu>,
Jeff Boleng <jeff.boleng@usafa.edu>.