

CALL FOR PAPERS

The Second International Workshop on Security in Networks and Distributed Systems (SNDS-06)

<http://www.comp.polyu.edu.hk/SNDS06/>

to be held in conjunction with

The IEEE 20th International Conference on Advanced Information Networking and Applications (AINA 2006)

April 18 (Tue.) - April 20 (Thu.), 2006

Vienna University of Technology, Vienna, Austria

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Important Dates

Paper Submission deadline	<i>Sept. 20th, 2005</i>
Notification of Acceptance	<i>Dec. 10th, 2005</i>
Final Manuscript Due	<i>Jan. 15th, 2006</i>

Contact

For further information regarding the workshop and paper submission, please visit: <http://www.comp.polyu.edu.hk/SNDS06/>

SCOPE: Security is an important issue in the research of networks and distributed systems, ranging from the traditional computer networks to newly proliferated areas like sensor networks, P2P systems, and ubiquitous computing. The security threats exploited the weakness of protocols as well as operating systems, and also extended to attack Internet applications such as database systems and web servers. The attacks, including Distributed Deny of Service, Virus, Buffer Overflows and Worms, are causing more economic damages and arouse more attentions. To achieve a secured distributed system, the cybersecurity aspects, namely, data confidentiality, authentication, nonrepudiation, data integrity, privacy, access control and availability, should be fully attained.

This workshop provides a forum for academic and industry professionals to discuss recent progress in the area of network and distributed system security, and includes studies on security attacks that occur in today's networks, security mechanisms that are designed to detect, prevent, or recover from a security attack and security services that are available to enhance system security.

TOPICS: Topics of interest include, but are not limited to:

- * Distributed digital signatures
- * Distributed denial of service attacks
- * Distributed intrusion detection and protection systems
- * Distributed access control and firewalls
- * Security in e-commerce and e-business and other applications
- * Security in P2P networks and Grid computing
- * Security in mobile and pervasive computing
- * Security architectures in distributed and parallel systems
- * Security theory and tools in distributed and parallel systems
- * Ad hoc and sensor network security
- * Buffer overflows
- * Cryptographic algorithms
- * Data privacy and trustiness
- * Information hiding and multimedia watermarking in distributed systems
- * Key management and authentication
- * Mobile codes security
- * Network security issues and protocols
- * Software security
- * World Wide Web Security

PAPER SUBMISSION: Authors should submit the softcopy of paper in PDF, PostScript, or MS Word format online. The paper is at most 15 pages, including abstract, key words, e-mail address of the corresponding author and references. Accepted papers with at most 6 pages will be published by IEEE Computer Society Press. (note that SNDS-06 does not require anonymized submissions.)

To submit a paper, please visit:

<http://snds06.comp.polyu.edu.hk/ConfMan/>