

Journal of Computer Security

CALL FOR PAPERS

Special Issue on

Security in the World Wide Web (WWW)

Despite its initial goal as a tool to support scientists in their research, WWW has today become essential whenever information needs to be widely and rapidly disseminated. WWW is now used in a large variety of organizations, including social, business, and government organizations, and applications, such as education, entertainment and commerce. As an increasing number of organizations and applications start depending on WWW for some of their functions, security becomes crucial. Moreover, the novel applications, enabled by WWW, introduce new security requirements and raise issues that have not been addressed before. The focus of this special issue will be on research and development efforts leading to identify requirements and viable solutions for WWW security.

Papers are solicited on all security aspects of the WWW and its applications. Suggested topics include but are not limited to:

- Secure networking and protocols
- Authentication and decentralized trust
- Authorization and access control
- Certification authorities and mechanisms
- Auditing and logging
- Accounting
- Digital timestamping and signatures
- Electronic marking and document identification techniques
- Assurance of service
- Credentials, anonymity, and pseudonyms
- Privacy issues
- Security in hypermedia environments
- Electronic billing systems
- Electronic commerce and virtual banking
- Intellectual property and copyright

The primary focus is on high-quality original unpublished research, case studies and implementation experiences. We strongly encourage submissions of papers discussing the development of WWW applications where security has been a relevant concern. Two kinds of paper will be considered: *regular papers* presenting new research results, and *short papers* describing ongoing projects.

Instructions for submitting manuscripts Authors are invited to submit five copies of their contributions to any of the special issue editors. Submissions should be received by **September 30, 1996**. Manuscripts must be in English (dbl-spaced; 12 pt; 30 pages max. for regular papers, 10 pages max. for short papers). Each copy

should have a cover page with title, name and address (including e-mail address) of author(s), an abstract of no more than 200 words, and a list of identifying keywords.

Important Dates

September 30, 1996	Due date for five (5) copies of full manuscript
January 15, 1997	Notification of acceptance/rejection
March 15, 1997	Due date for final version
May 1997	Tentative date for publication of special issue

Editors of the Special Issue

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The Journal of Computer Security

It is an archival journal published quarterly. Its purpose is to present research and development results of lasting significance in the theory, design, implementation, analysis and application of secure computer systems. The Journal of Computer Security represents today a main forum for ideas about the meaning and implications of security and privacy, particularly those with important consequences for the technical community.

More information at <http://www.dsi.unimi.it/Users/jcs-www>.