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The primary focus is on high-quality original unpublished research, case studies and implementation experiences.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**

Elisa Bertino  
Gian Paolo Rossi  
Pierangela Samarati  
DSI - Università di Milano  
Via Comelico, 39  20135 Milano (Italy)  
phone(voice): +39-2-55006227/272/257  
phone(fax): +39-2-55006253  
e-mail: {bertino, rossi, samarati}@dsi.unimi.it

**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.