



VII Simpósio Brasileiro em Segurança da Informação
e de Sistemas Computacionais

De 27 a 31 de Agosto
Rio de Janeiro

SBSeg 2007
Seventh Brazilian Symposium on Information and Computer System Security

August 27-31, 2007
Rio de Janeiro, Brazil
<http://www.sbseg2007.nce.ufrj.br>

Submission deadline: 11/05/2007.

Security is an area of research whose applicability and visibility has increased extraordinarily during the last 20 years. The interest of the scientific community in studying tools and techniques for preserving requirements such as confidentiality, Integrity, availability, authenticity and non-repudiation of information grew rapidly all over the world. Also remarkable is the renewed interest of mathematicians for areas that until some decades ago were considered apparently ethereal such as number theory, which is the basis for most part of modern cryptography, indispensable tool in the repertoire of security solutions.

Based in these interests, the Brazilian Symposium on Information and Computer System Security (SBSeg) was created in 2001, with the objective of being a place for the presentation of research projects, discussions and activities relevant to the area, integrating the associated Brazilian community of researchers and professionals. SBSeg is an annual event, promoted by the Brazilian Society for Computing (SBC).

In this seventh edition, the symposium will be held in Rio de Janeiro, Brazil, with technical sessions, tutorials, invited lectures by foreign experts, panel discussions and workshops. SBSeg 2007 will be organized by the Computer Center of the Federal University of Rio de Janeiro (NCE/UFRJ).

More information on the symposium can be found on :
<http://www.sbseg2007.nce.ufrj.br>

Topics of Interest :

The central theme of the event is information and computer system security. In this context we highlight the following topics:

- . Architecture and design of trustworthy systems
- . Cryptographic Algorithms and Techniques
- . Systems Auditing

- . Security Evaluation and Testing
- . Applications of Biometry and Biometric Systems in Security
- . Systems and Software Certification Methodologies
- . Computational Criminology
- . Cryptographic Hardware, RFID, Intelligent Cards
- . Contingency Systems
- . Authentication Models and Techniques
- . Authorization (Access Control) Models and Techniques
- . Standards and Normalization on Security
- . Security Policies
- . Security Protocols
- . Adaptive Models and Techniques for Security
- . Security in Grid Computing, P2P Networks and Overlay Networks
- . Security for Middleware (Java RMI, J2EE, CorbaSec,.Net, etc)
- . Network Security
- . Security in Web Services
- . Security of Distributed Systems
- . Secure Operating Systems
- . Secure programming
- . Security on Mobile Devices, Embedded Systems and Wireless Networks
- . Developing Methodologies and Software Engineering for Secure Systems
- . Security of Applications (Distributed Multimedia, Digital TV, e-banking, etc)
- . Firewall Techniques
- . Intrusion Tolerance
- . Fault Tolerance
- . Electronic voting
- . Vulnerabilities, Attacks and Intrusion Detection

The list of topics above is certainly not exhaustive. Other topics can be elaborated as long as they are within the spirit of the central theme of the event.

Instruction to Authors:

Submitted papers should describe research activities and relevant experiences on information security area and must not exceed 14 pages. Papers can be submitted in Portuguese or English, conform to the SBC publication style. Papers should be sent electronically, in PDF format, to the submission web site indicated below. Please, verify that the file can be read and printed correctly using Acrobat Reader before sending it.

The submitted papers can be accepted in two categories: full papers (14 pages) and extended abstracts (4 pages). Both, full papers and extended abstracts will be in the symposium proceedings. Outstanding papers may receive an award during the event.

Papers for SBSeg should be submitted using the URL:
<https://submissoes.sbc.org.br/>

Important Dates:

Submission deadline:	11/05/2007
Author notification:	05/07/2007
Camera ready:	20/07/2007

