

Call for Papers for the Special Issue on Security in Information Systems

Information Systems Security is one of the most pressing challenges facing all kinds of organizations today. Although many companies have discovered how critical information is to the success of their business or operations, very few have managed to be effective in maintaining their information secure, avoiding unauthorized access, preventing intrusions, stopping secret information disclosure, etc.

Security is currently a widespread and growing concern that covers all areas of society: business, domestic, financial, government, and so on. In fact, the so-called information society is increasingly dependent on a wide range of software systems whose mission is critical, such as air traffic control systems, financial systems, or public health systems. The potential losses that are faced by businesses and organizations that rely on all these systems, both hardware and software, therefore signify that it is crucial for information systems to be properly secured from the outset.

Topics of this special issue include, but are not limited to:

- ◆ Security in Software development Life Cycle
- ◆ Information Security Management System
- ◆ Security Management and Assessment
- ◆ Analysis and management of risks
- ◆ Security Implementation, Secure programming and Security Deployment
- ◆ Case studies and experiences of secure software
- ◆ Security culture
- ◆ Open Security Standards and Security Certification
- ◆ Security for SOA, Web Services, Grid computing and Cloud Computing
- ◆ Security for Databases and Data Warehouses
- ◆ Workflow and Business Process Security
- ◆ Security Metrics and Measurement
- ◆ Security Ontologies
- ◆ Security in Software Product Lines
- ◆ Distributed and Network Security
- ◆ Security & Trust Models
- ◆ Authentication, Authorization and Access Control
- ◆ Anonymity and Privacy
- ◆ Security for Mobile Computing, sensors networks, multimedia systems
- ◆ Security for Electronic Commerce, Electronic Business and e-Services (e-voting, e-banking, e-governement)

- ◆ Security for embedded systems, smart cards and RFID
- ◆ Security Issues in Ubiquitous/Pervasive Computing
- ◆ Intellectual Property Protection
- ◆ Digital Rights Management (DRM). Mobile DRM
- ◆ Personal Data Protection for Information Systems and Digital Identity management
- ◆ Access Control and Rights Expression Languages
- ◆ Semantic Web Technologies applied to Security
- ◆ Security Engineering
- ◆ Prevention and Detection of intrusions
- ◆ Biometric Security
- ◆ Cryptology: Cryptography and Cryptanalysis
- ◆ Information hiding: Steganography & Steganalysis
- ◆ Digital Forensics
- ◆ Cyber terrorism

Instructions for authors

Authors should submit their paper via email: eduardo.fdezmedina@uclm.es or david.grosado@uclm.es or luise.sanchez@uclm.es and the subject of the email should be: "JUICS SI Submission: Security in Information Systems". All manuscripts for this special issue should be submitted electronically by October 1, 2011. Previously, the abstract should be submitted by September 21, 2011.

Authors of best papers presented at the WOSIS2011 workshop (<http://www.iceis.org/WOSIS.asp>) with papers published in the workshop proceedings are invited to submit their extended papers with at least 30-50% additional materials relative to conference papers and the title of the extended version must clearly and unmistakably differ from the title of the paper presented at the workshop. New submissions are welcome. The length of the manuscript may not exceed 20 pages. Authors' papers should accord to the J.UCS Style Guide for Authors which can be found at the following URL:

http://www.jucs.org/ujs/jucs/info/submissions/style_guide.html

Important Dates

Abstract Submission Deadline:	September 21, 2011
Manuscript Submission Deadline:	October 1, 2011
Notification of review:	November 15, 2011
Revision due:	December 15, 2011
Notification of Final Acceptance:	January 15, 2012
Final Version of the Manuscripts:	February 10, 2012
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