

# **2nd WOSIS Call For Papers**

<http://www.iceis.org/workshops/sis/sis2004-cfp.html>

## **SECOND WORKSHOP ON SECURITY IN INFORMATION SYSTEMS**

**April 13-14 2004 Porto, Portugal**

To be held in conjunction with the 6<sup>th</sup> International Conference on Enterprise Information Systems (ICEIS 2004), [www.iceis.org](http://www.iceis.org)

Universidade Portucalense, 14-17 April 2004 Porto, Portugal

### **Chairs**

Dr. Eduardo Fernández-Medina [Eduardo.FdezMedina@uclm.es]  
University of Castilla-La Mancha, Spain

Dr. Julio César Hernández Castro [jcesar@inf.uc3m.es]  
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### **Workshop Background and Goals**

Information Systems Security is one of the most pressing challenges facing all kind of organisations 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 keeping their information safe, in avoiding unauthorised access, preventing intrusions, stopping secret information disclosure, etc.

Nowadays, rapid technological advances are stimulating a greater use of information systems in organisations world-wide, which handle large quantities of data, managed by huge databases and datawarehouses. In addition, information systems quite frequently manage information that can be considered sensitive, since it is related to certain intimate or personal aspects of persons (beliefs, medical data, sexual tendencies, etc.) and which must be specially protected.

Many organisations, including not only companies but also governments of several countries, are now realising how security problems can affect both business success and citizen rights, and they are proposing security policies, security planning, personal data protection laws, etc.

All of these, including technological, legislative, ethical and political factors, justifies the importance of secure information systems, and encourage us to research in new techniques, models and methodologies, which could aid designers developing and implanting safe information systems which both protect information and keep within the law.

This workshop will serve as a forum to gather academics, researchers, practitioners and students in the field of security in information systems. The workshop will present new developments, lessons learned from real world cases, and would provide the exchange of ideas and discussion on specific areas.

## **Topics of interest**

- Methodologies for security information systems development
  - Access control techniques
  - Personal data protection
  - Information systems risk analysis
- Security in databases, datawarehouses and web information systems
  - Secure information systems architectures
  - Standards for information systems security
  - Metadata for Web and multimedia security
  - XML and RDF based metadata for security
  - Security Engineering
  - Assessment of security software/hardware
- Study, validation and attacks on security protocols
  - Real world applications analysis
- Information hiding: Steganography & Steganalysis
  - Peer-to-Peer systems
- Analysis and design of cryptographic algorithms
  - Emission security
  - Attacks on copyright marking systems
  - Reliability of security systems
  - Security of clinical information systems
  - Privacy and freedom issues

## **Format of the Workshop**

The workshop will consist of oral presentations. The proceedings of the workshop will be published in the form of a book by ICEIS.

## **Journal Special Issue**

The organisers of the Workshop and the publishers of the *Information Systems Security Journal* ([www.auerbach-publications.com](http://www.auerbach-publications.com)) have agreed to publish a special issue of the Journal, with extended and revised versions of some selected papers.

## **Keynote Speaker**

Dr. Yvo Desmedt, Professor of Computer Science at Florida State University and renowned specialist in Computer Security, will be the Keynote Speaker of the workshop.

## **Invited Speaker**

Dr. Sushil Jajodia, Professor and Director of the Center for Secure Information Systems in the School of Information Technology & Engineering of the George Mason University at Fairfax.

## **Submission of Papers**

Prospective authors are invited to submit papers for oral presentation in any of the topics listed above. Only full papers in English will be accepted, and the length of the paper should not exceed 10 pages (5000 words). Instructions for preparing the manuscript (in Word and Latex formats) are available in the ICEIS web page. Postscript/RTF versions of the manuscript should be submitted through ICEIS web-based paper submission procedure.

## **Important Dates**

Full paper submission: January 15, 2004  
Author notification: February 15, 2004  
Camera-ready paper submission: March 1, 2004

## **Workshop International Programme Committee**

Claudia Barenco. University of Brazilia, Brazil  
Ian Brown. FIRP & University College London, UK  
Sabrina De Capitani di Vimercati. Università degli Studi di Milano, Italy  
Ernesto Damiani. Università degli Studi di Milano, Italy  
Ed Dawson. Information Security Research Center, Queensland, Australia  
Markus Dichtl. Siemens AG, München, Germany  
Csilla Farkas. University of South Carolina, USA  
Christian Geuer-Pollmann. European Microsoft Innovation Center, Germany  
Sushil Jajodia. George Mason University, USA  
Narayana Jayaram. North London University, London, UK  
Willem Jonker. University of Twente, The Netherlands  
Mario Piattini. University of Castilla-La Mancha, Spain  
Jean-Jacques Quisquater. Université Catholique de Louvain, Belgium  
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Robert Tolksdorf. Freie Universität Berlin, Germany  
Ambrosio Toval. University of Murcia, Spain  
Serge Vaudenay. Ecole Polytechnique Federale de Lausanne, Switzerland  
Duminda Wijesekera. George Mason University, USA

## **Conference Location**

The workshop will be held at the Universidade Portucalense in Porto, Portugal.

## **Registration Information**

To attend the workshop you need to register at <http://www.iceis.org>

### **Secretariat**

ICEIS Secretariat

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