

# The Fourth International Workshop on Security In Information Systems WOSIS-2006

<http://www.iceis.org/workshops/wosis/wosis2006-cfp.html>

May 23-24, 2006 – Paphos - Cyprus

## First Announcement and Call for Papers

To be held in conjunction with ICEIS 2006 [www.iceis.org](http://www.iceis.org) 8th International Conference on Enterprise Information Systems.

### Chairs:

Dr. Eduardo Fernández-Medina [[Eduardo.FdezMedina@uclm.es](mailto:Eduardo.FdezMedina@uclm.es)]  
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### Workshop Background and Goals

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

Nowadays, rapid technological advances are stimulating a greater use of information systems in organizations 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 organizations, including not only companies but also governments of several countries, are now realizing 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, and practitioners in the field of Security in Distributed Information Systems, and especially in Internet and Web Security. 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 include, but are not limited to:**

- Security for Grid computing
- Security for Web Services
- Security for Mobile Computing
- Security for Electronic Commerce and Electronic Business
- Security for Databases and Data Warehouses
- Biometric Security
- E-Health
- E-Voting
- E-government
- Cyberterrorism
- Intellectual Property Protection
- Annonimity and Privacy
- Digital Rights Management (DRM).
- Rights Expression Languages.
- E-Payment
- Content Protection
- Mobile DRM
- Security & Trust Models
- Semantic Web Technologies applied to Security. Metadata.
- Access control. Models, languages and techniques.
- Authentication and Authorization. PKI and PMI technologies.
- Security Enginneering.
- Secure information systems architectures.
- Security Protocols.
- Cryptology: Cryptography and Cryptanalysis
- Information hiding: Steganography & Steganalysis

## **Submission of Papers**

We encourage submission of high quality papers to this new edition of the Security in Information Systems Workshop. Authors of accepted papers must guarantee that their works will be presented at the Workshop by one of the co-authors. Only full papers in English will be accepted. The length of the paper should not exceed 10 pages (5000 words). Instructions for preparing the manuscript (in Word and Latex format) are available at the [ICEIS web site](#). Postscript/RTF versions of the manuscript should be submitted through [ICEIS web-based paper submission procedure](#). The proceedings of the workshop will be published in the form of a book (with ISBN) by ICEIS.

Additionally, best works will have the chance to publish extended and revised versions in the internationally refereed Internet Research Journal, which is well ranked in the ISI Journal Citation Reports.

## **Internet Research Journal, an ISI ranked Publication**

The Workshop interest is on high quality, innovative and unpublished research. A selection of best works will be made in order to include extended and revised versions of these works in this journal, which is published by Emerald and listed in ISI. In 2003 the total cites were 189 with an impact factor of 0.690.

Internet Research (ISSN: 1066-2243) was established in 1991 as the first scholarly journal to devote itself to collecting serious research about the Internet and its applications and uses, specifically organizational.

The journal aims to discuss, assess and foster understanding of the role of wide-area multipurpose computer networks, specifically the Internet. For more information about this journal please visit <http://hermia.emeraldinsight.com/vl=10375401/cl=58/nw=1/rpsv/intr.htm>

## **Important Dates**

Full paper submission: February 6, 2006

Author notification: March 13, 2006

Camera-ready paper submission: March 20, 2006

## **Keynote speakers**

Leonardo Chiariglione is graduated in Electronic Engineering from the Polytechnic of Turin and obtained his Ph. D. degree from the University of Tokyo in 1973.

He has led several European collaborative projects: IVICO, a RACE project studying cost-effective integrated video codecs, COMIS, an ESPRIT project supporting the development of the MPEG-1 standard and EU 625 - VADIS a

EUREKA project aiming at developing a European hardware and software technology for the MPEG-2 standard. And he participated in a number of other projects.

He originated the ISO standardisation activity known as MPEG (Moving Picture Experts Group) of which he is the Convenor. This group has a membership of over 300 experts, representing 25 countries and all the industries having a stake in digital audio and video. MPEG has produced the MPEG-1 and MPEG-2 standards that have triggered the digital audio-visual revolution, the DSM-CC the server to set-top protocol, the MPEG-2 Advanced Audio Coding (AAC) standard, MPEG-4, a standard providing seamless integration of natural and synthetic audio and video information on delivery systems with different quality of service and MPEG-7 a standard for audio-visual content description. Currently MPEG is developing MPEG-21, "Multimedia Framework".

In December 2001, Leonardo and 8 companies establish the Digital Media Project, a not-for profit organisation with the mission to promote continuing successful development, deployment and use of Digital Media that respect the rights of creators and rights holders to exploit their works, the wish of end users to fully enjoy the benefits of Digital Media the interests of various value-chain players to provide products and services according to the principles laid down in the Digital Media Manifesto.

As a result of his manifold activities Leonardo has received a number of awards, including

- The NAB Award of Honor (US) 2003/04, For leadership in the development of international technical standards facilitating worldwide deployment of digital broadcast services.
- Chevalier de l'ordre des arts et des lettres FR 2003/02
- SMPTE James Leitch Gold Medal Award US 2002/10 In recognition of his substantial contributions and pioneering work in digital television
- EURASIP Meritorious Service Award CH 2002/09
- Instituto Superior Técnico Doctorate "honoris causa" (PT) 2001/06
- Eduard-Rhein Foundation Award (DE) 1999/10. For stimulating and pushing forward the MPEG standard for coding of moving pictures and associated audio, especially the worldwide acknowledged digital TV standard MPEG-2
- IBC John Tucker Award (UK) 1999/09. In recognition of his outstanding leadership and unstinting personal contribution to the audio-visual media industry
- IEEE Masaru Ibuka Consumer Electronics Award (US) 1999/06. For technical leadership in the development of the Moving Picture Experts Group (MPEG) international standard for motion video and audio

## **Workshop Program Committee**

- Sabrina De Capitani di Vimercati. Università degli Studi di Milano. Italy
- Ernesto Damiani. Università degli Studi di Milano. Italy
- Csilla Farkas. University of South Carolina. USA
- Eduardo B. Fernández. Florida Atlantic University. USA
- Mariagrazia Fugini. Politecnico di Milano. Italy
- Steven Furnell. University of Plymouth. UK
- Christian Geuer-Pollmann. European Microsoft Innovation Center. Germany
- Paolo Giorgini. University of Trento. Italy
- Ehud Gudes. Ben-Gurion University. Israel
- Javier López. University of Málaga. Spain
- Haralambos Mouratidis. University of East London, Dagenham, England
- Sushil Jajodia. George Mason University. USA
- Willem Jonker. University of Twente. The Netherlands
- Jan Jürjens. TU Munich. Germany
- Ravi Mukkamala. Old Dominion University. USA
- Martin Olivier. University of Pretoria. South Africa
- Sylvia Osborn. University of Western Ontario. Canada
- Brajendra Panda. University of Arkansas. USA
- Günther Pernul. University of Regensburg. Germany
- Mario Piattini. University of Castilla-La Mancha. Spain
- Indrajit Ray. Colorado State University. USA
- Indrakshi Ray. Colorado State University. USA
- Robert Tolksdorf. Freie Universität Berlin. Germany
- Ambrosio Toval. University of Murcia. Spain
- Duminda Wijesekera. University George Mason. USA

## **Conference Location**

The workshop will be held at Paphos - Cyprus.

## **Registration Information**

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

## **Secretariat**

ICEIS 2006 Secretariat - The Fourth International Workshop on Security In Information Systems

E-mail: [workshops@iceis.org](mailto:workshops@iceis.org)

Web site: <http://www.iceis.org>