WEBIST is co-organized by INSTICC - Institute for Systems and Technologies of Information, Control and Communication and University of Madeira (UMa).

SCOPE

The purpose of the 4th International Conference on Web Information Systems and Technologies (WEBIST) is to bring together researchers, engineers and practitioners interested in the technological advances and business applications of web-based information systems. The conference has four main track, covering different aspects of Web Information Systems, including Internet Technology, Web Interfaces and Applications, Society, e-Communities, e-Business and, last but not least, e-Learning. WEBIST focuses on real world applications; therefore authors should highlight the benefits of Web Information Systems and Technologies for industry and services, in addition to academic applications. Ideas on how to solve business problems, using web based information systems and technologies, will arise from the conference. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged. Both technological and social-oriented papers are accepted. All papers must describe original work, not previously published or submitted to another conference. Accepted papers, presented at the conference by one of the authors, will be published in the Proceedings of WEBIST. Acceptance will be based on quality, relevance and originality. Both full research reports and work-in-progress reports are welcome. There will be both oral and poster sessions.

CONFERENCE AREAS

Each of these topic areas is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

1. Internet Technology
2. Web Interfaces and Applications
4. e-Learning

AREA 1 - INTERNET TECHNOLOGY

- XML and data management
- Web Security and Privacy
- Intrusion Detection and Response
- Authentication and Access Control
- Grid Computing
- Web Services and Web Engineering
- System Integration
- Databases and Datawarehouses
- Wireless Applications
- Distributed and Parallel Applications
- Protocols and Standards
- Network systems, proxies and servers
- Agents

AREA 2 - WEB INTERFACES AND APPLICATIONS

- Multimedia and User interfaces
- Accessibility issues and Technology
- User Modeling
- Web Personalization
- Usability and Ergonomics
- Personalized Web Sites and Services
- Portal strategies
- Searching and Browsing
- Ontology and the Semantic Web
- Metadata and Metamodeling
- Web mining
- Digital Libraries
- Web Geographical Information Systems

AREA 3 - SOCIETY, e-BUSINESS and e-GOVERNMENT

- e-Business and e-Commerce
- e-Payment
- Knowledge Management
- Social Networks and Organizational Culture
- Social Information Systems
- Communities of Practice
- Communities of interest
- Social & Legal Issues
- Tele-Work and Collaboration
- e-Government
AREA 4 - e-LEARNING
- e-Learning standards and tools
- Web-based Education
- Web-based Teaching and Learning Technologies
- Designing Learning Activities
- Content-based and Context-based Learning
- Learning Materials Development
- Intelligent Tutoring Systems
- Virtual Learning Communities
- Case-studies and applications
- Competition and Collaboration
- Software tools for e-Learning

KEYNOTE SPEAKERS
Tony Shan, Bank of America, U.S.A.
Leszek Maciaszek, Macquarie University, Australia
Claudia Medeiros, UNICAMP, Brazil
Marcin Paprzycki, Systems Research Institute Polish Academy of Science, Poland
Rainer Unland, University of Duisburg-Essen, Germany
Klaus Pohl, University Duisburg-Essen, Germany

PAPER SUBMISSION
Authors should submit a paper in English of up to 8 A4 pages, carefully checked for correct grammar and spelling, using the submission procedure indicated below.

The guidelines for paper formatting provided at the conference web site must be strictly used for all submitted papers.

The submission format is the same as the camera-ready format. Please check and carefully follow the instructions and templates provided.

The program committee will review all papers and the contact author (the author that submit the paper) of each paper will be notified of the result, by e-mail.

Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable.

Due to space limitations in the Proceedings, the camera-ready versions of accepted papers will be limited to 8 (eight) pages for long oral presentations, 6 (six) for short oral presentations (progress reports) and 4 (four) for poster presentations. If absolutely needed, the number of pages may be increased up to a maximum of 12. However, for each page in excess of the maximum allowed, the author will have to pay an additional fee.

Submission procedure:
A "double-blind" paper evaluation method will be used. To facilitate that, the authors are kindly requested to produce and provide the full paper. WITHOUT any reference to any of the authors. The manuscript must contain, in its first page, the paper title, an abstract and a list of keywords but NO NAMES OR CONTACT DETAILS WHATSOEVER are to be included in any part of this file. The file to be uploaded must be a zip containing two files: author(s) information in one and the paper, without any author(s) information, in another. LaTeX/PS/PDF/DOC format are accepted.

The web submission facility automatically sends an acknowledgement, by e-mail, to the contact author. Please contact the secretariat if no acknowledgement is received.

If the author is unable to use the web-based procedure then he/she can send the paper by e-mail to the secretariat attaching an additional file containing: the title, author(s), affiliation(s), contact details, a list of keywords and an abstract. Authors must also indicate the conference area (including the topics) or the workshop, to which the paper is submitted.

IMPORTANT DATES
Full paper submission: Deadline Expired
Position paper submission: December 7, 2007
Full paper acceptance notification: December 14, 2007
Position paper acceptance notification: January 7, 2008
Final paper submission and registration: January 25, 2008

PROCEEDINGS AND BOOK PUBLICATION
All accepted papers will be published in the conference proceedings, under an ISBN reference, in paper and in CD-ROM support. A book including a selection of the best conference papers will be edited and published by Springer-Verlag.

The proceedings will be indexed by ISI Proceedings, INSPEC and DBLP.
EI already agreed to index the proceedings of WEBIST 2006. Proceedings of WEBIST 2007 are under evaluation and the proceedings of WEBIST 2008 will be evaluated by EI after their publication.

VENUE
The conference will be held in the Hotel Tivoli Ocean Park. The Tivoli Ocean Park is a truly stunning property located 5 minutes from Funchal city centre and 30 minutes from Madeira International Airport. This award-winning hotel overlooks the beachfront promenade and guests are guaranteed gorgeous views of the sea with direct access from the hotel to the sandy beach.

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