ICEIS 2005

7th International Conference on Enterprise Information Systems

Call for Papers

ICEIS 2005 will be organized by INSTICC, in collaboration with Florida International University - Miami (USA).

SCOPE

The purpose of the 7th International Conference on Enterprise Information Systems (ICEIS) is to bring together researchers, engineers and practitioners interested in the advances and business applications of information systems. Five simultaneous tracks will be held, covering different aspects of Enterprise Information Systems Applications, including Enterprise Database Technology, Systems Integration, Artificial Intelligence, Decision Support Systems, Information Systems Analysis and Specification, Internet Computing, Electronic Commerce and Human Factors.

ICEIS focuses on real world applications; therefore authors should highlight the benefits of Information Technology for industry and services. Ideas on how to solve business problems, using IT, will arise from the conference. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged. Papers describing original work are invited in any of the areas listed below. Accepted papers, presented at the conference by one of the authors, will be published in the Proceedings of ICEIS. 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.

Special sessions, dedicated to case-studies and commercial presentations, as well as tutorials dedicated to technical/scientific topics are also envisaged: companies interested in presenting their products/methodologies or researchers interested in holding a tutorial are invited to contact the conference secretariat. Information concerning the previous ICEIS editions (ICEIS'99, ICEIS 2000, ICEIS 2001, ICEIS 2002, ICEIS 2003, ICEIS 2004) can be found at **http://www.iceis.org**.

TOPIC AREAS / CONFERENCE TRACKS

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:

AREA 1: Databases and Information Systems Integration

- Coupling and Integrating Heterogeneous Data Sources
- Enterprise Resource Planning
- Middleware Integration
- Legacy Systems
- Organisational Issues on Systems Integration
- Distributed Database Applications
- Object-Oriented Database Systems
- Enterprise-Wide Client-Server Architecture
- Database Security and Transaction Support
- Data Warehouses
- Multimedia Database Applications
- Web Databases
- Mobile Databases
- Software Engineering
- Software Measurement

AREA 2: Artificial Intelligence and Decision Support Systems

- Intelligent Agents
- Industrial Applications of Artificial Intelligence
- Strategic Decision Support Systems
- Group Decision Support Systems
- Applications of Expert Systems
- Advanced Applications of Fuzzy Logic
- Advanced Applications of Neural Network
- Natural Language Interfaces to Intelligent Systems
- Bayesian Networks
- Evolutionary Programming
- Coordination in Multi-Agent Systems
- Intelligent Social Agents and Distributed Artificial Intelligence Applications
- Intelligent Tutoring Systems
- Datamining
- Case-Based Reasoning Systems
- Knowledge-based Systems Engineering
- Knowledge Management

AREA 3: Information Systems Analysis and Specification

- Systems Engineering Methodologies
- Information Engineering Methodologies
- Organisational Semiotics
- Semiotics in Computing
- Requirements Analysis
- Ontology Engineering
- Modelling Formalisms, Languages, and Notations (e.g. UML, ER variants)
- CASE Tools for System Development
- Modelling of Distributed Systems
- Modelling Concepts and Information Integration Tools
- Business Processes Re-engineering
- Security, Freedom and Privacy

AREA 4: Software Agents and Internet Computing

- B2B and B2C Applications
- Process Design and Organisational Issues in e-Commerce
- E-Procurement and Web-based supply chain management
- Market-spaces: market portals, hubs, auctions
- E-Learning and e-Teaching
- Intranet and Extranet Business Applications
- Agents for Internet Computing
- Web Information Agents
- Case studies on Electronic Commerce
- Public sector applications of e-Commerce
- Interactive and Multimedia Web Applications
- Network Implementation Choices
- Object Orientation in Internet and Distributed Computing
- Internet and Collaborative Computing
- Semantic Web Technologies
- Wireless and Mobile Computing
- Agent-Oriented Programming

AREA 5: Human-Computer Interaction

- HCI on Enterprise Information Systems
- Functional and non-functional Requirements
- Internet HCI: Web Interfaces and Usability
- Design Methodology and Cognitive Factors in Design
- Multimedia Systems
- Machine perception: vision, speech, other
- Virtual Reality and Augmented Reality
- Intelligent User Interfaces
- User Needs
- Human Factors
- Accessibility to Disabled Users

- Geographical Information Systems
- E-Learning
- Computer Art

WORKSHOPS

- Wireless Information Systems
- Verification and Validation of Enterprise Information Systems
- Natural Language Understanding and Cognitive Science
- Ubiquitous Computing
- Security In Information Systems
- Computer Supported Activity Coordination
- Web Services: Modeling, Architecture and Infrastructure
- Organizational Modeling & Simulation Using Petri Nets
- Pattern Recognition in Information Systems

KEYNOTE SPEAKERS

- Richard Soley, Object Management Group, Inc, USA
- Jan Dietz, Delft University of Technology, The Netherlands
- Thomas Greene, MIT, USA
- Rosalind W. Picard, MIT, USA
- Henri Barki, HEC Montréal, Canada
- Daniel Schwabe, PUC-Rio, Brazil
- Lynne Markus, Bentley College, USA
- Raghavan Srinivas, Sun Microsystems, USA

TUTORIALS

- Eduardo B. Fernandez, Florida Atlantic University, USA

More to be available.

SUBMISSION OF PAPERS

Authors should submit a paper in English up to 5.000 words, using the paper format indicated below. The program committee will review all papers and the contact author of each paper will be notified of the result, by email. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. Authors must also indicate the conference track to which the paper is submitted. The paper must be carefully checked for correct grammar and spelling.

Authors should use the ICEIS web-based submission facility available at the conference web site, to enter the contact information of all paper authors plus the file containing the paper. The facility will automatically send a submission acknowledgement, by email, to the author indicated as "contact author".

A "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 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.

If the author is unable to use the web-based procedure then he/she can send the paper by email to the **secretariat** attaching a second file containing: the title, author(s), affiliation(s), contact details, a list of keywords and an abstract.

The camera-ready format should be strictly used for all submitted papers. Please check and carefully follow the **instructions and templates provided**.

Due to space limitations in the Proceedings, the camera-ready version will be limited to 8 (eight) pages for full papers, 6 (six) for short papers (progress reports) and 4 (four) for poster presentations. If absolutely needed, it will be allowed to increase the total number of pages, by 4 extra pages. However, for each excess page the author will have to pay an additional fee.

IMPORTANT DEADLINES

Full Paper Submission: deadline passed
Position Papers Submission: deadline passed
Author Notification: deadline passed
Workshops Submission: deadline passed
Final Camera-Ready Submission and Registration: deadline passed

SECRETARIAT

ICEIS 2005 Secretariat
EC 3100
Department of Industrial & Systems Engineering
Florida International University
Miami, FL 33199
USA
E-mail for paper submission, proceedings and registrations: **secretariat@iceis.org**
E-mail for local arrangements: will be available soon
Web: **http://www.iceis.org/**

VENUE

The conference will be held at Deauville Beach Resort, located on the beach at 67th and Collins Avenue. 20 minutes from Miami International Airport and 30 minutes from Ft. Lauderdale International Airport. The hotel is surrounded by water, gifted with a skyline of the Atlantic Ocean to the east and charmed and intrigued by the thrill of Miami to the west. Nested in the Art Decor District and a neighbor to the Shops at Bal Harbour.

CONFERENCE CO-CHAIRS

Chin-Sheng Chen, Florida International University, USA
Joaquim Filipe, Escola Superior de Tecnologia de Setúbal, Portugal (**jfilipe@iceis.org**)

PROGRAM CO-CHAIRS

Isabel Seruca, Universidade Portucalense, Portugal (**iseruca@upt.pt**)
José Cordeiro, Escola Superior de Tecnologia de Setúbal, Portugal (**jcordeiro@iceis.org**)

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Olivier Camp, École Supérieure d' Electronique de l' Ouest, France (**olivier.camp@eseo.fr**)

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