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(list not yet complete)

## KEYNOTE SPEAKERS

ICEIS 2005 will count with the presence of several distinguished invited speakers as in previous years. Previous ICEIS invited speakers are listed on <http://www.iceis.org>

## SPECIAL SESSIONS

There is an open invitation to submit special sessions proposals, dedicated to some specialized theme. Please see details on how to submit a special session proposal at [http://www.iceis.org/special\\_sessions.htm](http://www.iceis.org/special_sessions.htm)

## WORKSHOPS

ICEIS provides interesting support and synergy for holding related workshops. In 2004, 10 successful workshops were held in connection with ICEIS.

Please see details on how to submit a workshop proposal at <http://www.iceis.org/workshops.htm>

## IMPORTANT DATES

Full Paper Submission: 29th October 2004

Position papers submission: 15 November 2004

Author Notification: 20th December 2004

Workshops Submission: 29th December 2004

Final Submission and Registration: 31st January 2005

## PREVIOUS ICEIS

ICEIS 2005 builds upon the success and prestige of previous editions. Please check about ICEIS'99, 2000, 2001, 2002, 2003 and 2004 at <http://www.iceis.org>

## VENUE

The venue of ICEIS 2005 will be at Deauville Beach Resort, in Miami Beach FL, USA. Located on the beach at 67th and Collins Avenue. 20 minutes from Miami Int'l Airport and 30 minutes from Ft. Lauderdale Int'l Airport. Surrounded by water. Gifted with a skyline of the Atlantic Ocean to the east. Charmed and intrigued by the thrill of Miami to the west. Nestled in the Art Deco District, and a neighbor to the Shops at Bal Harbour.



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Reservations: 800.327.6656  
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Organized by

**INSTICC**

**Institute for Systems and Technologies of  
Information, Control and Communication**

## ORGANIZATION SECRETARIAT

Any inquiries should be addressed to the secretariat  
[secretariat@iceis.org](mailto:secretariat@iceis.org)

Hosted and co-organized by



**ICEIS** 2005  
<http://www.iceis.org>  
Miami 2005  
International  
Conference on  
Enterprise  
Information  
Systems

**7th International Conference on  
Enterprise Information Systems**



**Miami, USA  
24-28 May 2005**

**CONFERENCE ANNOUNCEMENT  
AND CALL FOR PAPERS**

## SCOPE

The purpose of this 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 Computing, including Databases and Information Systems Integration, Artificial Intelligence and Decision Support Systems, Information Systems Analysis and Specification, Software Agents and Internet Computing and Human-Computer Interaction. 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 above. 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. There will be both oral and poster sessions.



## TOPIC AREAS

Papers should address one or more of the listed topics, although authors should not feel limited by them. Unlisted but related topics are also acceptable.

### 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
- Groupware and CSCW Systems Specification
- 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
- Agent-Oriented Programming
- 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
- Wireless and mobile computing
- Semantic Web Technologies

### 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



## CASE-STUDY SESSIONS

Special sessions, dedicated to case-studies and commercial presentations, as well as technical 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.

## BOOK

A number of papers from ICEIS 2005 will be selected to be published in a book by Kluwer Academic Publishers.