



ICETE 2004

Call for Papers

1st International Conference on E-business and Telecommunication Networks

Scope

The purpose of the 1st International Conference on E-Business and Telecommunication Networks (ICETE) is to bring together researchers, engineers and practitioners interested in the understanding and applications of E-Business and Telecommunication Networks. Four simultaneous tracks will be held, covering Global Communication Services, Software and Systems, Security and Reliability, Wireless Communication, and Multimedia Signal Processing.

Information systems and information technology are pervasive in the whole Communications field, which is quite vast, encompassing a large number of research topics and applications: from hardware and electronics to the more abstract theoretical aspects of communication; from low level protocols to high-level networking and applications; from security concerns to wireless information systems; many other topics could be listed. ICETE is mainly interested in contributions related to information and communication systems issues and applications involving high-level technologies and protocols; not the lower OSI levels.

Ideas on how to analyze and approach problems by combining information systems and telecommunication technologies, either in the scope of R&D projects, engineering or business applications, are welcome. Papers describing new methods or technologies, 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 ICETE, with an ISBN. Furthermore, a short list of about thirty papers will be selected to appear in a book that will be published by Kluwer Academic Publishers. 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. We are also open to specialized workshop proposals. Additional information can be found at www.icete.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:

- ◆ **Global Communication Information Systems and Services**
- ◆ **Security and Reliability in Information Systems and Networks**
- ◆ **Wireless Communication Systems and Networks**
- ◆ **Multimedia Signal Processing**

Area 1: Global Communication Information Systems and Services

- e-Commerce and e-business: B2B and B2C
- Electronic payment systems and exchange protocols
- e-Marketing and Consumer Behavior
- CRM and Business Solutions
- Web Technologies and Web Services
- Agent-based Information Systems
- Virtual Enterprises
- VPN Technology and Services
- Unified Communications and Enhanced Services
- Telecommunication Software Systems, Tools and Languages
- Internet Services and Applications
- Web-based Enterprise Management, DEN, CIM, XML
- Hosting Strategies for Web-Enabling the Enterprise

Area 2: Security and Reliability in Informations Systems and Networks

- Biometric Security
- Network Security and Protocols (IPSec)
- Cryptographic Techniques and Key Management
- Intrusion Detection and Vulnerability Assessment
- Viruses and Worms
- Network Management
- Identification and Authentication
- Operating Systems Security
- Service and Systems Designs and QoS Network Security
- Fairness Scheduling and QoS Guarantee
- Identity Management
- e-Commerce Security and Reliability Issues
- Data and Systems Security and Privacy

Area 3: Wireless Communication Systems and Networks

- **Mobile Services (WASP, ASP, MSP and more)**
- **Wireless Internet and Mobile System Security**
- **Wireless LAN and Home area networks**
- **Wireless and Mobile Computing**
- **4G Systems**
- **GPRS and UMTS**
- **Broadband Wireless**
- **Performance Analysis of Wireless Networks**
- **Network Protocols and Packet Services**
- **Cellular and Wireless Networks Management**
- **Application Development Environment & Tools**
- **Mobile Multimedia Applications**
- **Wireless Local Loop: LMDS, MMDS**

Area 4: Multimedia Signal Processing

- **Image and Video Compression**
- **Digital Audio & Video Broadcasting**
- **Image and Video Databases**
- **Multimedia Indexing and Retrieval**
- **Content Protection and Security**
- **Speech Coding and Recognition**
- **Signal Processing for Data Storage**
- **Universal Multimedia Adaptation**
- **Multimedia and VoIP - Services & Technologies**
- **Traffic Modelling for Multimedia**
- **Authentication and Watermarking**
- **Audio and Video Streaming (IPv4 / IPv6)**
- **Multimedia Applications**

Workshops

ICETE expects to host several workshops. If you would like to propose the organization of a workshop to be held in conjunction with ICETE 2004, please contact the secretariat as soon as possible.

Keynote Speakers

ICETE 2004 will have several invited keynote speakers, who are internationally recognized experts in their areas. Their names are not yet confirmed.

Tutorials

ICETE 2004 will include several tutorials, to be lectured the day before the conference opening. If you would like to propose a tutorial for ICETE 2004, please contact the secretariat as soon as possible. Proposals should specify the topic and scope of the tutorial, the background knowledge expected of the participants, and a short CV of the instructor(s).

Submission of Papers

Authors should submit a complete paper in English of up to 8 A4 pages, of about 5.000 words, using the submission procedure 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.

Paper submission procedure

1. 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.

2. The contact author will then use the ICETE web-based submission facility available at the conference web site, <http://www.icete.org> to enter the contact information of all paper authors plus the file indicated in point 1, above. The facility will automatically send a submission acknowledgement, by email, to the author indicated as "contact author".

The camera-ready format will be enforced only for accepted papers, but authors are encouraged to use it also for paper submissions, in order to reduce extra work later. Two templates are provided at the conference web site: one for Latex and another for MS Word. 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.

Publications

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 a world class publisher, not yet confirmed. The publication of extended versions of outstanding conference papers is also a possibility being discussed with several scientific journals.

Important Deadlines

Full Paper Submission: 29th February 2004

Workshops Submission: 30th April 2004

Author Notification: 24th May 2004

Final Camera-Ready Submission and Registration: 14th June 2004

Secretariat

ICETE Secretariat

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Venue

The conference will be held in Setúbal, a town 40-km south of Lisboa, the Portuguese capital. Setúbal and its surroundings are a major touristic place in Portugal, where the visitor can find anything from ancient historical areas, in Palmela, to pleasurable beaches and modern golf courses, in Troia. Another interesting place in Portugal – Algarve – is less than two hours away from the conference site.

Conference Chair

[Joaquim Filipe](#) (Escola Superior de Tecnologia - IPS, Setúbal, Portugal)

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