INTERNATIONAL SYMPOSIUM on
TELECOMMUNICATIONS (IST2003)

August 16-18, 2003 Isfahan, Iran

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For more information, please visit the IST2003 website.

FIRST CALL FOR PAPERS

IST2003 is the second in a series of biannual events organized by the Iran Telecom Research Center (ITRC) and designed to provide opportunity for academicians and specialists from the international telecommunication community to meet their peers in Iran and discuss under the theme **Dialogue of Civilizations through Telecommunications** latest developments in emerging technologies, progress in standards, services and their applications in telecommunication and information systems. The symposium will feature world-renowned keynote speakers, contributed papers, panels, special sessions, tutorials and an exhibition. Also, the event will feature a banquet, concert, visits and excursion tours to historic sites.

DIALOGUE OF CIVILIZATIONS THROUGH TELECOMMUNICATIONS

Welcome to IST 2003
Isfahan, Iran

HOSTED BY
Iran Telecommunication Research Center

http://www.itrc.ac.ir/ist2003

IMPORTANT DEADLINES

February 1, 2003	Submission of all proposals
April 15, 2003	Notification of acceptance
June 1, 2003	Reception of final papers and tutorials, Early registration
July 1, 2003	Late registration

SYMPOSIUM TOPICS

Topics to be addressed include, but are not limited to:

1. **Theory and Basic Concepts**
   1.1 Electromagnetic Theory
   1.2 Communication Theory
   1.3 Information Theory
   1.4 Signal Processing
2. **Networking Theory, Technologies and Services**
   2.1 Broadband Communication Networks
   2.2 Broadband Communication Services
   2.3 Mobile IP
   2.4 Network Planning and Optimization
   2.5 Network Management
   2.6 Security and Authentication
   2.7 Switching and Routing
   2.8 Traffic Engineering
   2.9 Internet and Intranet
   2.10 Network Evaluation and Quality of Service
   2.11 Networks of the Future
3. **Radio Communication**
   3.1 Modern Wireless Systems
   3.2 Personal Communications
   3.3 Mobile Communications
   3.4 Terrestrial Radio Systems
   3.5 Antennas and propagation
   3.6 Microwave Theory and Techniques
   3.7 Millimetric wave systems and technologies
   3.8 Satellite Communication and Applications
   3.9 Earth Stations Technologies
   3.10 Merger of Services in Radio Systems
   3.11 Radio Communication for rural development
   3.12 Measurement Methods
4. **Optical Communication**
   4.1 Optical Networks and Applications
   4.2 Optical Fiber Technologies
   4.3 Optoelectronic Devices and Circuits
   4.4 Photonic Devices and Components
   4.5 Photonic Switching and Interconnections
   4.6 DWDM Transmission Systems
5. **Design Tools and Softwares**
   5.1 CAD Algorithms and Techniques
   5.2 Modelling and Simulation
   5.3 Telecom Protocols and Standards
   5.4 Optimization Methods
   5.5 Search Engines for Telecommunications
6. **Others**
   6.1 Frequency Management and EMC Control
   6.2 Convergence Related to Communications
   6.3 Strategies, Policies and Legal matters
   6.4 Socio-economic Effects of Telcommunications

SUBMISSIONS

Paper Proposals:
Authors are requested to submit extended summary (abstract) of original work by February 1, 2003. All papers should be submitted electronically in MS Word, PDF or PS format. Arrival of proposals will be acknowledged by e-mail. Each paper will be subject to review by the Technical Program Committee and the result will be informed by the assigned deadline. The final paper submission should be typed single-spaced in two-column format using Times New Roman font size 10 with 3cm margin on all sides. Length is limited to 4 pages. Submissions should include: title, author(s), affiliation(s), abstract, and list of keywords. Identify the author responsible for correspondence, including the author's name, position, mailing address, telephone and fax numbers, and e-mail address. An accepted paper must be presented by one of the authors and all presenting authors must register in the Symposium.

Tutorial Proposals:
Tutorial proposals on subjects describing new developments in systems, technologies or applications are welcomed. Length should be tailored for half-day or full-day presentation using power-point or overhead projector slides. Supplementary handouts or brochures are encouraged.

Exhibition Proposals:
There will be limited exhibition space for exhibitors of latest innovations in industry or software. Proposals will be evaluated on the basis of their practicality, relevance and priority.

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