

ICT 2006

13th International Conference of Telecommunications
9-12 May 2006 (Funchal, Madeira island, Portugal)
WEBSITE: <http://www.ict2006.org>



ICT

ICT was first initiated by the Centre for Telecommunications Research, [King's College London](http://www.kcl.ac.uk) (UK) and is receiving the support of Institute of [Electrical and Electronic Engineers](http://www.ieee.org) (IEEE) and Institute of [Electrical Engineers](http://www.iet.org) (IEE).

Based on the initial success of Dubai in 1994, ICT has been held annually in Bali (1995), Istanbul (1996), Melbourne (1997), Chalkidiki (1998), Jeju (1999), Acapulco (2000), Bucharest (2001), Beijing (2002), Papeete (2003), Fortaleza (2004), and Cape Town (2005). Many scientists, engineers, students, professionals and technical staff, representing a variety of organizations such as universities, research institutes, telecommunication operators and equipment manufacturers have attended previous ICT events. The 13th ICT will be held in Madeira Island, Portugal. ICT 2006 will offer tutorials and workshops, plenary sessions, poster sessions, panel sessions and exhibition opportunities.

<http://www.madeiratourism.org>
<http://www.madeira-web.com>

Venue

The island of Madeira is lapped by the waters of the Gulf Stream with warm comfortable summers and mild winters that make it an enchanting destination all year round. It is located in the Atlantic in the same parallel as Casablanca. It can be accessed by plane by the international airport of Funchal.

Technical Topics

1. Telecommunication Networks

- A.1 Broadband Access Network and Service
- A.2 IP Service and Multimedia Service
- A.3 Mobile Data Service
- A.4 Network Planning and Optimization
- A.5 Telecommunication Network Interconnection Issues
- A.6 Telecommunication Pricing and Billing
- A.7 Telecommunication Regulation and Deregulation
- A.8 Traffic Management, Traffic Control, Real-Time Traffic and Quality of Service
- A.9 3G and 4G Mobile Communication Service.
- A.10 Management & Services
- A.11 Network Theory & Technologies

2. Wireless Communications and Technologies

- B.1 Antennas, Propagation and Transmission Technologies
- B.2 Broadband Wireless
- B.3 Evolution from 2G to 2.5G, 3G and Beyond
- B.4 Microwave Devices, Circuits and Systems
- B.5 Personal Communications
- B.6 Satellite and Space Communications
- B.7 Terrestrial Radio Systems
- B.8 Mobility (IEEE 802.11 engineering, smart devices)
- B.9 Wireless Multimedia, Networks and Systems
- B.10 Wireless IP and Wireless ATM
- B.11 Cellular and Ad-Hoc Networks
- B.12 Multiuser detection

3. Information and Coding Theory

- C.1 Communication Theory
- C.2 Information Security
- C.3 Multimedia Information
- C.4 Network Reliability
- C.5 Signal Processing
- C.6 Modulation

4. Optical Communications

- D.1 Designing and Management of Optical Networks
- D.2 Optical Fiber Technology
- D.3 Optical Switching and Optical Interconnection
- D.4 Optical Photonic Technologies
- D.5 Optoelectronic Components
- D.6 Transmission System and Optical Networking
- D.7 Passive Optical Networks

5. Internet Technologies and Communication Software

- E.1 Intelligent Network Theory, Technologies and System
- E.2 Object and Component Technologies in Telecommunication Software
- E.3 Network Management Theory
- E.4 Network Operations and Management
- E.5 Telecommunication Protocol Engineering
- E.6 Telecommunication Software Tools

6. Ad-Hoc and Sensor Networks

- F.1 Information theory for wireless ad-hoc & multi-hop networks
- F.2 Multiple access design
- F.3 Novel routing strategies in multi-hop networks
- F.4 Heterogeneous wireless ad-hoc networks
- F.5 Clustering and cooperative strategies
- F.6 Power, throughput & delay optimisation strategies
- F.7 Sensor Networks
- F.8 Implementation issues

Organizing committee

- Luís Correia**, Instituto Superior Técnico/IT - TPC chair
- Rui Aguiar**, Universidade de Aveiro/IT- Organization Chair
- António Teixeira**, Universidade de Aveiro/IT- Promotion
- Lina Brito**, Universidade da Madeira - Logistics
- Pedro Silva**, Instituto de Telecomunicações (IT) - Logistics
- João Ferreira da Silva**, Portugal Telecom/IT - Financial
- Vasco Lagarto**, Instituto de Telecomunicações (IT) - Sponsorships
- Fátima Sousa**, Portugal Telecom/IT - Secretariat
- Sandra Corujo**, Instituto de Telecomunicações (IT) - Secretariat

Deadlines

Participants are invited to submit original papers addressing topics in the 5 areas for presentation and publication in the conference proceedings.

Submission of the full paper:

(full paper required, not a mere abstract)

Tutorials and workshops (half or full day);

(state of the art topics)

Early-bird registration:

Acceptance of papers:

Register to attend tutorials:

30th December 2005 - UPDATED

15th December 2005

1st March 2006

1st March 2006

1st April 2006



Sponsors



FCT Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

