The 11th IEEE International Symposium on Communications and Information Technologies

ISCIT 2011
Zhejiang University, Hangzhou, China
October 12-14, 2011

“Green and Cognitive Communications for the Future”

Themed “Green and Cognitive Communications for the Future”, ISCIT 2011 (The 11th International Symposium on Communications & Information Technologies) covers the entire range of information and communications technologies (ICT), providing an international forum for world’s leading researchers to present original ideas and contributions in the form of technical papers, keynote speeches, panel discussions, posters as well as demonstrations in intelligent communications, green networking and advanced signal processing employed to support the needs of the future ICT. This symposium seeks to address and capture highly-innovative and state-of-the-art research from global academia, industry as well as standardization organizations, deeply discussing the current status, technical challenges, standards, fundamental issues, and future services and applications. The topics of interests for regular sessions include, but are not limited to, the followings:

- Cognitive radio and cognitive networks
- Green radio and energy-efficient networks
- Smart grid communications
- Compressed sensing for communications and networking
- Dynamic spectrum access and management
- Self-organizing networks
- Nature-inspired communications and networking
- Cooperative communications and networking
- MIMO communications
- Multi-carrier systems, OFDM, MC-CDMA & FBMC
- Spread spectrum and UWB
- Adaptive coding and modulation
- Detection and estimation algorithms
- Cross-layer air interface
- Radio resource management
- Data/networks privacy and security
- Standardization (ITU-R, ETSI, IEEE 802, IEEE DySPAN, IETF)
- Internet of things
- Convergence of mobile internet, telecommunications and broadcasting
- Ad-hoc, mesh and sensor networks
- Underwater communications
- Vehicular networks (VANETS)
- RFID networking
- DVB and DAB techniques
- Broadband optical networks
- Multimedia services and technologies
- Network management and design
- Intelligent signal processing, communication systems and network protocols
- Embedded computing technology
- Computer systems and applications
- Virtual reality and mixed reality
- e-Education and e-Learning
- Artificial intelligence and applications
- Mobile computing networks
- Circuits and systems for communications
- VLSI architecture for signal processing

Paper Submission Guidelines:
Authors are invited to submit a full paper according to IEEE guidelines. Only electronic submissions will be accepted. Authors are expected to present their papers at the Symposium upon acceptance and presenting authors are required to register for the Symposium. Accepted papers will be included in the IEEE Xplore database and in the Elsevier EI Compendex.

Workshop, Special Sessions and Tutorials:
Proposals for workshops, tutorials and special sessions should provide a 200 word summary. Proposals should be submitted to the relevant Workshop, Special Session and Tutorial Chairs by July 1, 2011.

Important Date:
Paper Submission: June 15, 2011
Acceptance Notification: August 15, 2011
Submission of Camera Ready Paper: September 1, 2011