2006 China-Ireland International Conference on Information and Communications Technologies CIICT06

October 18th-19th, 2006, Hangzhou, China

About the Conference: China and Ireland are currently in the process of developing collaboration, including leading-edge research ties in the Information and Communications Technology area. Links have already been forged at governmental level under the auspices of the China / Ireland Science and Technology Research Fund, an agreement on Scientific and Technological Co-operation between the Government of the People's Republic of China and the Government of Ireland signed on the 8th September 2000. The purpose of this is to contribute to future co-operation in the field of science and technology between both countries. The interest of both governments is in furthering the development of their respective information and communications technology industries, and in supporting the expansion of domestic and international applications markets for their products, services and technologies. There is already an established academic collaboration between China and Ireland, through joint research projects and reciprocal participation at international conferences. CIICT06 will focus on encouraging further growth in academic collaboration between researchers in China and Ireland in the broad area of Information and Communications Technologies, thus facilitating exchange of ideas and dissemination of results of collaborative work. This first CIICT conference is being jointly sponsored and organised by Hangzhou Dianzi University and Dublin City University, and will be held in Hangzhou Dianzi University in the autumn of 2006. (Further information is available at www.eeng.dcu.ie/ciict06).

Sponsored by:
IEEE MTT Beijing Section, China
IEEE CAS Shanghai Chapter, China

Co-Sponsored by:
CIE Circuits and System Society
CIE Microwave Society
Zhejiang Institute of Electronics
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Organised by:
Hangzhou Dianzi University
Dublin City University

Paper Submission Due
June 6th, 2006

Notification of Acceptance
July 10th, 2006

Final Manuscript Due
August 8th, 2006

Conference Dates
October 18th-19th, 2006

Call for Papers: Authors are invited to submit papers describing original research in the areas of Information and Communication Technologies. Topics of interest include, but are not limited to,

- **Signal Processing** - Voice and Audio Processing, Digital Signal Processing, Image Processing, Multimedia Processing, Statistical Signal Processing, Array Processing, etc.
- **Human Intelligence** - Computer Vision and Pattern Recognition, Computer Hearing and Speech Recognition, Motion Capture and Intelligent Traffic Systems, Virtual Reality, etc.
- **Communications** - Wireless Communications Components/Circuits/Systems/ Networks, Fiber-optic Communications Components/Systems/Networks, etc.
- **Circuits and Systems** - Linear and Nonlinear Circuits and Systems, Intelligent Measuring and Controlling Instruments and Systems, Vehicle Electronics, etc.
- **I.C. Design & EDA** - I.C. Designs, RF I.C.s, Device Modeling & Simulation, SOC, EDA Technology, etc.
- **Microwave & EMC** - Microwave Circuit & Components, EMC/EMI Simulations and Measurements, EM Environment, Shielding and Grounding, High Power Microwave Applications, Advanced Materials and Devices for EM Applications, EM Simulators, EM Probe and Sensors, Coupling and Crosstalk, etc.
- **Optics and Optoelectronics** - Remote Sensing and IR Devices and Systems, Optical Devices and Instruments, Optical Information Processing, etc.
- **Control Systems** - Control Systems Theory, Control Systems Applications, etc.
- **Modelling & Scientific Computing** - Bioinformatics, Therapeutic Models, Computational Physics, Financial Models, Computer Based Auditing, etc.
- **Security & Encryption** - Public Key Infrastructure, Identity Based Encryption, Encryption Acceleration, Web Services Security, XML Security, etc.
- **Software Engineering** - Requirements Elicitation, Software Processes, Project Management, Professional Issues, Metrics, Formal Methods, Real-Time Systems, Tools, Open Source, etc.
- **Natural Language Processing** - Machine Translation, Computational Models of Semantics, Treebanks, Formal Syntax, Probabilistic Approaches, etc.
- **Information Systems** - Digital Multimedia, Database Engineering & Interoperable Systems, Data Mining, Information Quality, Networked Applications, etc.

Corresponding address:
Institute of Electronics and Information Technology,
Hangzhou Dianzi University,
Hangzhou, China, Post code: 310018
Tel (Fax): 8657186919135
Email: ciict06@hziee.edu.cn

Contacts:

HDU Dr. Liyang Yu, Dr. Tiemin Xiang
Email: ciict06@hziee.edu.cn

DCU Dr. Xiaojun Wang, Dr. Conor McArdle
Email: ciict06@eeng.dcu.ie

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