

2007 China-Ireland International Conference on Information and Communications Technologies

Dublin, Ireland - August 28th and 29th 2007

CALL FOR PAPERS



About the Conference

CIICT is an international conference focusing on topical research in the broad area of Information and Communications Technologies. The conference is jointly sponsored and organised by Chinese and Irish Universities with hosting alternating between China and Ireland. The first CIICT conference was hosted by Hangzhou Dianzi University in October 2006. The 2007 conference will be jointly sponsored and organised by Dublin City University and Beijing University of Posts and Telecommunications, in association with Hangzhou Dianzi University. The conference will be hosted in Dublin City University, Ireland.



Engineering Building, DCU

The conference aims are to strengthen science and technology research collaboration between China and Ireland and also to provide a platform for facilitating academic and industrial research interactions with other countries. CIICT2006 produced a proceedings of over one hundred papers contributed by researchers from China, Ireland, UK, USA, Taiwan, Japan, Hong Kong and New Zealand. Topics ranged across the spectrum of Information and Communications theory and technologies from Circuits and Systems and Signal Processing to Artificial Intelligence and Information Systems. CIICT2007 will continue what is intended to be a regular series of conferences.

Call for Papers

Authors are invited to submit papers describing original research in the area of Information and Communications Technologies. Topics of interest include, but are not limited to:

- Software Engineering** - Software Processes, Project Management, Professional Issues, Metrics, Formal Methods, Real-Time Systems, Tools, Open Source.
- Natural Language Processing** - Machine Translation, Computational Models of Semantics, Treebanks, Formal Syntax, Probabilistic Approaches.
- Information Systems** - Digital Multimedia, Database Engineering & Interoperable Systems, Data Mining, Information Quality, Networked Applications.
- Signal Processing** - Voice and Audio Processing, Digital Signal Processing, Image Processing, Multimedia Processing, Statistical Signal Processing.
- Artificial Intelligence** - Computer Vision and Pattern Recognition, Computer Hearing and Speech Recognition, Motion Capture and Intelligent Traffic Systems.
- Modelling & Scientific Computing** - Bioinformatics, Therapeutic Models, Computational Physics, Financial Models, Computer Based Auditing.
- Security & Encryption** - Public Key Infrastructure, Identity Based Encryption, Encryption Acceleration, Network Security and Forensics, Intrusion Detection/Prevention Systems, Web Services Security, XML Security.
- Communications and Networks** - Wired and Wireless Communications, Computer Networks and Applications, Performance and Simulation, Communications Theory, Wireless Communication Business Models.
- Circuits and Systems** - Linear and Nonlinear Circuits and Systems, Intelligent Measuring and Controlling Instruments and Systems, Vehicle Electronics.
- I.C. Design & EDA** - I.C. Designs, RF I.C.s, Device Modelling & Simulation, SOC, Low-power Devices.
- Microwave & EMC** - Microwave Circuits & Components, EMC/EMI Simulations and Measurements, Antennas and Propagation, EM Environment, Microwave Applications, Advanced Materials and Devices.
- Optics and Optoelectronics** - Remote Sensing and IR Devices and Systems, Optical Devices and Instruments, Optical Information Processing, Semiconductors for Optoelectronics.
- Control Systems** - Control Theory, Control System Applications, System Theory, Chaos.

Paper submission guidelines may be found on the conference web site - www.ciict.org

Organised by

Research Institute for Networks and Communications Engineering (RINCE),
Dublin City University (DCU), Ireland
State Key Lab of Networking and Switching Technology,
Beijing University of Posts and Telecommunications (BUPT), China

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Important Dates

Paper Submission Deadline:
May 8th 2007
Notification of Acceptance:
June 18th 2007
Final Paper Due:
July 2nd 2007
Conference Dates:
August 28th-29th 2007

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