CALL FOR PAPERS

The 2012 IET International Conference on Frontier Computing –
Theory, Technologies and Applications (IET FC 2012)
Xining, China, August 16-18, 2012

THEME

The IET International Conference on Frontier Computing – Theory, Technologies and Applications will serve as a forum to present the current work by researchers from around the world, and act as a venue to provide discussions and highlight recent hot topics of computer science. In addition to technical sessions consisting of contributed papers, the conference will include invited presentations, a poster session, and tutorials.

Topics of particular interest include, but are not limited to:

- Interconnection Networks
- Neural and DNA Computing
- Distributed and Parallel Computing
- Database and Data Mining
- Cluster, Grid and P2P Computing
- Mobile Computing and Wireless Communications
- Innovative Networking and Applications
- Human-Computer Interface / Interaction
- Multimedia Technologies
- Image Processing
- Embedded and Ubiquitous Computing
- Advanced Networking and Applications

- Medical Informatics
- Services Computing
- Security, Privacy and Trust
- Web Services and Internet Technologies Computing
- Fault-tolerant and Dependable Systems
- Multi-agent System and Applications
- Multimedia, Virtual Reality and Web Graphics
- E-Learning and Education
- Social, Ethical & Other Issues of Networked World
- Hardware / Software co-design
- Energy Efficiency and Power Aware Techniques

Conference Proceedings

Accepted papers will be published in the proceedings by IET. Selected best papers will be recommended for publication in special issues.

Best Student Paper Award

The Student Paper Award is given to the best paper by a student author, as judged by a panel nominated by the IET FC. **The winner will be invited to present his or her paper in a session of the conference, and the award will be presented in a ceremony.** All students working on topics in Computer Science are encouraged to submit a paper.

Call for Special Sessions

Special sessions are intended to provide a forum for the discussion of a specific topic between an international group of researchers. Each special session should have at least 4 paper presentations and preferably no more than 12. The organizer of this session will be responsible for advertising the special session, reviewing and selecting the papers. Papers accepted will be published in the conference proceedings. After the conference, some papers presented at the conference will be considered for publication in appropriate journals as Special Issues.

Important Dates

- April   30, 2012   Paper submission due
- May   31, 2012   Notification of acceptance
- June   20, 2012   Final manuscript due
- July   10, 2011   Early conference registration due

Organized by

Qinghai Normal University, China
Lanzhou University, China
NCU, Taiwan
Providence University, Taiwan
Overseas Chinese University, Taiwan

Supported by

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