



Call for Papers
33rd EUROMICRO CONFERENCE



Track on
"Multimedia & Telecommunications: New Applications and Networks"
Lübeck, Germany - Aug. 27th – Aug. 31st, 2007

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Call for Papers

New applications and networks are emerging and will dominate information and communication technology in various application domains in the future. As we rely more and more on systems and networks in our daily life, system characteristics like adaptivity, context sensitivity, self-configuration and self-healing are more and more requested by service providers and users. Especially multimedia and telecommunication applications have to fulfil these demanding needs while still providing traditional functionality like safety, security and performance. This conference track attempts to present and discuss new approaches and technologies aiming to improve research and innovation of new applications and networks in various domains like automotive, manufacturing, personal healthcare, entertainment, commerce and financial services. We invite you to contribute to this conference track by submitting proposals in one or more of the categories outlined below.

Multimedia

- IP Multimedia Subsystem (IMS)
- (Multimedia) Information systems for emergency services
- Integration of IP and broadcast services
- Middleware and reflective systems support for wireless multimedia
- RFID technology within multimedia applications
- Ambient multimedia services
- Assisted living
- Home entertainment
- Gaming

Telecommunications

- Embracing P2P communities as a new business approach for Telcos
- Optimizing user-perceived quality of services through cross-layer design
- Communication networks for emergency response
- Broadband access networks
- Content networking
- Ambient networks
- Caching and content management
- Self-engineering communications
- Performance evaluation of fixed and mobile networks
- QoS control and scheduling

We encourage submissions demonstrating the potential of new applications by providing case studies, experiments, and quantitative data.

Submission of Papers

Prospective authors are encouraged to submit a PDF version of their paper to

<http://www.icsy.de/EM07>

Papers should not exceed 8 pages (in IEEE/CS proceedings format; 10pt, single-space, double-column) or 6000 words and include an abstract of up to 150 words. A cover page should clearly show the name, mailing address, e-mail address and fax number of the author to contact, as well as the topic areas of the submitted paper. Accepted papers will be published in the conference proceedings by IEEE. Selected papers will be offered the opportunity to appear as extended versions in a special issue of a scholarly journal.

The following signed statement should be included on the cover page:

"Neither this paper nor any version close to it has been or is being offered elsewhere for publication. All necessary clearances have been obtained for the publication of this paper. If accepted, the paper will be made available in Camera-ready forms by June 9th 2007, and it will be personally presented at the EUROMICRO 2007 Conference by the author or one of the co-authors. The presenting author(s) will pre-register (full fee) for EUROMICRO 2007 before the due date of the Camera-ready paper."

Important Dates

Submission deadline:

March 15, 2007

Notification of acceptance:

May 3, 2007

Camera-ready paper due:

June 9, 2007

General Information

This track is an integral part of the EUROMICRO 2007 conference. The conference proceedings will be published by the IEEE Computer Society.

<http://www.euromicro.org>