

**Call for Papers**  
**30th EUROMICRO CONFERENCE**

**Track on "Multimedia & Telecommunications: Challenges in Distributed  
Multimedia Systems"**

**Rennes, France      Aug. 31st – Sept. 3rd, 2004**

**Program Chairs**

Paul Mueller  
Kaiserslautern University of  
Technology  
email [pmueller@informatik.uni-kl.de](mailto:pmueller@informatik.uni-kl.de)  
phone +49 631 205 2263

Jens B. Schmitt  
Kaiserslautern University of  
Technology  
email [jschmitt@informatik.uni-kl.de](mailto:jschmitt@informatik.uni-kl.de)  
phone +49 631 205 3288

**Program Committee**

Fernando Boavida, University of  
Coimbra, Portugal  
Torsten Braun, University of Berne,  
Switzerland  
Michel Diaz, LAAS-CNRS, France  
Wolfgang Effelsberg, Mannheim  
University, Germany  
Stefan Fischer, University of  
Braunschweig, Germany  
Nicolas Georganas, University of  
Ottawa, Canada  
Carsten Griwodz, University of Oslo,  
Norway  
Gerhard Haßlinger, T-Systems,  
Germany  
David Hutchison, Lancaster  
University, UK  
Martin Karsten, University of  
Waterloo, Canada  
David Larrabeiti, University Carlos  
III, Madrid, Spain  
Laurent Mathy, Lancaster University,  
UK  
Andreas Mauthe, Darmstadt  
University of Technology, Germany  
Martin Mauve, University of  
Düsseldorf, Germany  
Andreas Meissner, Fraunhofer IPSI,  
Darmstadt, Germany  
Harald Müller, Siemens, Germany  
Thomas Plagemann, University of  
Oslo, Norway  
Peter Puschner, Vienna University of  
Technology  
Utz Roedig, University College Cork,  
Ireland  
Luca Simoncini, University of Pisa,  
Italy  
Richard Snow, University of  
Newcastle, UK  
Giorgio Ventre, University of Federico  
II, Naples, Italy  
Horst Wedde, University of  
Dortmund, Germany  
Michael Zink, Darmstadt University  
of Technology, Germany

**Call for papers**

Distributed multimedia systems (DMS) emerge in many facets in our daily lives. Despite the fact that DMSes have been investigated for a number of years now, there is still many unresolved research issues. In particular, the telecommunication aspects of typical DMSes still provides a huge ground for open research questions as for example which quality of service has to be provided by all system components taking part in the service creation and delivery. One could go as far and say that the traditional area of telecommunication systems is fundamentally changed due to the new aspects evolving around broadband multimedia services.

Suggested topics of interest include, but are not restricted to:

*Multimedia*

- Distributed Multimedia Platforms
- Quality of Service Issues
- Peer-to-Peer Systems
- Video on Demand (VoD)
- Media Streaming
- Content Distribution Networks (CDN)
- Mobile & Wireless Multimedia
- Multimedia Applications
- Teleimmersion

*Telecommunications*

- Network Architectures
- Network Management
- Multi-Service Networks
- AAA
- Mobile Telecommunications
- 3G and Beyond
- Ad Hoc Communication
- New Traffic Models
- Resource Management
- Internet-based Services
- Web Services
- Location-based, Context-aware Services

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

**Submission of papers**

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

[pmueller@informatik.uni-kl.de](mailto:pmueller@informatik.uni-kl.de)

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 16th 2004, and it will be personally presented at the EUROMICRO 2004 Conference by the author or one of the co-authors. The presenting author(s) will pre-register (full fee) for EUROMICRO 2004 before the due date of the Camera-ready paper."*

**Important dates:**

Submission deadline:  
**EXTENDED: March 8, 2004**

Notification of acceptance:  
**NEW: May 8, 2004**

Camera-ready paper due:  
**June 9, 2004**

**Updated information**

<http://www.euromicro.org>

**General information**

This track is an integral part of the EUROMICRO 2004 conference. The conference proceedings will be published by the IEEE Computer Society.