



Track on
"Internet technologies, quality of service and applications (ITQSA)"
Lille, France - Sept. 1-3, 2010

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Call for Papers

The current inter-networking paradigm, although highly successful as exemplified by the Internet, has become sub-optimal due to its sheer popularity. There has always been an answer to all requirements, no matter whether caused by new applications or technologies. So, over time the formerly simple and clear Internet architecture became a patchwork of new balconies, workarounds and bypasses. In this conference track we aim to discuss the two main-streams of network advances: the "Clean-Slate Approach" as well as the "Evolutionary Approach".

Beside future networks also new applications especially in the field of Grid/Cloud-Computing and social networks are becoming popular. This conference addresses the technical issues of such and other emerging applications. Decentralized applications for open communities require new solutions for resources provisioning, rating of user generated content and services and for security.

We invite you to contribute to this conference track by submitting proposals in one or more of the categories outlined below. Submissions may address requirement analysis, specific approaches and presentations of first solutions.

Future Networks

- Future Internet architectural issues, clean slate and evolutionary approaches
- Cross-layer design and optimization
- Routing and addressing
- Flow switching techniques
- Network virtualization
- Experimentally driven research
- Test-beds and experimental facilities for the Future Internet
- Federation of test-beds
- Hybrid packet and connection-oriented network architecture
- Network and service management
- Self-organization of services and communication
- Content-based routing
- Security and privacy

Future Applications

- Video and audio casting
- Approaches and reliability of collective rating and description of content and services
- Supporting collaborative work
- Distributed resources / distributed computing
- Grid and Cloud Computing
- eHealth and Ambient Assisted Living
- Governance
- Converged Communication

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://seaa2010.liacs.nl>

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 26 May 2010, and it will be personally presented at the EUROMICRO 2010 Conference by the author or one of the co-authors. The presenting author(s) will pre-register (full fee) for EUROMICRO 2010 before the due date of the Camera-ready paper."

Important Dates

Submission deadline:

15 March 2010

Notification of acceptance:

27 April 2010

Camera-ready paper due:

26 May 2010

General Information

This track is an integral part of the EUROMICRO 2010 conference. The conference proceedings will be published by the IEEE Computer Society.

<http://www.euromicro.org>