



Call for Papers
35th EUROMICRO SEAA CONFERENCE
Software Engineering and Advanced Applications
Patras, Greece – August 27-29, 2009



Track on

"Internet technologies, quality of service and applications (ITQSA)"

Program Chair

Paul Müller

University of Kaiserslautern
pmueller@informatik.uni-kl.de
phone +49 631 205 2263

Rainer Stotzka

Forschungszentrum Karlsruhe
stotzka@ipe.fzk.de
phone +49 7247 82 4738

Program Committee

Hendrik Berndt

DoCoMo Euro-Labs, Germany

Torsten Braun

University of Berne, Switzerland

Isabel Campos

Instituto de Fisica Cantabria, Santander, Spain

Hermann deMeer

University of Passau, Germany

Michel Diaz

LAAS-CNRS, Toulouse, France

Wolfgang Effelsberg

University of Mannheim, Germany

Stefan Fischer

University of Lübeck, Germany

Bernd Freisleben

University of Marburg, Germany

Thomas Friese

Siemens AG, Germany

Gerhard Haßlinger

T-Systems, Germany

Frank Kargl

University of Ulm, Germany

Marcel Kunze

Forschungszentrum Karlsruhe, Germany

David Larrabeiti

University Carlos III, Madrid, Spain

Daniel Kofman

ENST Paris, France

Prabhat Kumar Mahanti

University of New Brunswick, Canada

Laurent Mathy

University of Lancaster, UK

Ludek Matyska

Masaryk University, Czech Republic

Andreas Mauthe

University of Lancaster, UK

Harald Müller

Siemens AG, Germany

Marcin Plociennik

Poznan Supercomputing and Networking Center, Poland

Erwin P. Rathgeb

University Duisburg-Essen, Germany

Ivica Rimac

Bell Labs, Alcatel-Lucent, USA

Simon P. Romano

University of Naples "Federico II", Italy

Jens Schmitt

University of Kaiserslautern, Germany

Matti Mikael Siekkinen

University of Oslo, Norway

Ralf Steinmetz

Darmstadt University of Technology, Germany

Phuoc Tran-Gia

University Würzburg, Germany

Michael Weber

University of Ulm, Germany

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 has become a patchwork of new balconies, workarounds and bypasses. In this conference track we aim to discuss the two mainstreams of network advances: the "Clean-Slate Approach" as well as the "Evolutionary Approach".

Beside future networks also new applications, especially in the field of social networks, are becoming popular. This conference track 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
- Separating of identity and address (locator/ID split)
- Network virtualization
- Network and service management
- Self-engineering communications
- 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

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://seaa2009.vtt.fi/>

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 May 26th 2009, and it will be personally presented at the EUROMICRO 2009 Conference by the author or one of the co-authors. The presenting author(s) will pre-register (full fee) for EUROMICRO 2009 before the due date of the Camera-ready paper."

Important Dates

Submission deadline:

March 27, 2009 (EXTENDED)

Notification of acceptance:

April 27, 2009

Camera-ready paper due:

May 26, 2009

General Information

This track is an integral part of the EUROMICRO 2009 conference. The conference proceedings will be published by the IEEE Computer Society.

<http://www.euromicro.org>