Message from the Special Session Chairs
Quality and Service-Oriented Applications

Elisabetta Di Nitto, Raffaela Mirandola
Politecnico di Milano
Piazza Leonardo da Vinci, 32
20133 Milano, Italy
(dinitto,mirandola@elet.polimi.it)

Markus Hillenbrand, Bernd Reuther
University of Kaiserslautern
Department of Computer Science
67663 Kaiserslautern, Germany
(hillenbr,reuther@informatik.uni-kl.de)

The Service Oriented Architectural (SOA) paradigm foresees the creation of applications by composing independently developed services that are available on a network. Applications built on services face different challenges that are being studied in the community. Two of the most important ones concern the need for guaranteed end-to-end quality of service and to evolve over their long lifetimes.

This special session points out the overall challenges and problems of the service-oriented approach, but also shows the new ideas, solutions and practices that allow developers, users, and maintainers to foresee the impact of design decisions and evolutionary changes to the system on its overall quality of service and on its internal quality properties such as maintainability.

The areas of interest of this special session are:

• Service Dependability, Security, and Quality of Service
• Service-oriented engineering for ensuring end-to-end quality
• Service Monitoring and Evaluation
• Engineering evolvable Service Orchestration and Workflows

The session is an opportunity for researchers, developers and users to discuss their experiences with distributed systems based on service-oriented architectures.

We have received eight papers from different countries. Each paper was evaluated by at least three reviewers and the acceptance decision was based on their evaluations. A total of five papers was accepted and will be presented during the session.

We would like to thank all those who made this special session on Quality and Service Oriented Applications possible. First of all, thanks to all the authors who submitted a paper to this session. We would also like to thank the members of the program committee who invested a lot of effort and time in reviewing the submitted papers under strong time restrictions. Last but not least, we would like to thank the organizers of the 34th EUROMICRO conference who made this session possible.

Program Committee

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