

36th Euromicro Conference on Software Engineering and Advanced Applications (SEAA)

in [Lille, France](#) (September 1-3, 2010)



Special Session on “Service Orientation”

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Call for Papers

Service-oriented architectures are an important paradigm for distributed systems that is changing the way software applications are designed, implemented, deployed, maintained and consumed. Services are autonomous, platform-independent elements that can be described, published, discovered, orchestrated and programmed using standard protocols to build networks of collaborating applications distributed within and across organizational boundaries.

Currently Web services are a most promising technology for implementing service-oriented architectures. Web Services technology and its related standards provides the basis for the development and execution of business processes that are distributed over the network and available via standard interfaces and protocols.

This special session has the goal to point out the overall challenges and problems of the service-oriented approach, but also show the new ideas, solutions and best practices in the area of:

- Service-oriented Architectures,
- Web Services Technology,
- Grid Technology, and
- Alternative Technologies for Service-oriented Architectures.

The aim of the session is to bring together researchers and practitioners from academia and industry to improve the theories, technologies, and processes in service-oriented software development. We encourage submissions of both theoretical and experience reports from academia and industry. Suggested areas of interest include, but are not restricted to:

- Service and System Security
- Service Description and Modelling
- Service Semantics and Reasoning
- Service Brokering and Mediation
- Service Monitoring and Accounting
- Service Reputation and Evaluation
- Service Dependability and Quality of Service
- Service Development and Testing
- Service Orchestration and Workflows
- Advanced Distributed Applications and Middleware
- Discussion of Fundamental Issues

Submission of papers for publication with IEEE/CS:

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. Papers must not have been previously published or submitted elsewhere. If accepted, papers must be personally presented at the Euromicro SEAA 2010 Conference by the author or one of the co-authors.

The presenting author(s) must pre-register (full fee) for Euromicro SEAA 2010 before the due date of the Camera-ready paper.

Authors are encouraged to submit a PDF version of their paper via EasyChair to <https://www.easychair.org/login.cgi?conf=seaa2010>.

Important Dates

Submission of papers:	31 March 2010 (EXTENDED)
Notification of acceptance:	27 April 2010
Camera-ready papers due:	26 May 2010

Program Committee

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For more information on the Euromicro SEAA 2010 Conference please visit <http://seaa2010.liacs.nl> or <http://www.euromicro.org>.