

International Workshop on Service Oriented Software Engineering (IW-SOSE '06)

May 27-28, 2006, Shanghai - China

In conjunction with the 28th International Conference on Software Engineering (ICSE 2006)

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Software engineering practitioners and researchers continue to face huge challenges in the development, maintenance, and use of software systems. This has been even more prominent with the new paradigm of service oriented computing in which service integrators, developers, and providers need to create methods, tools, and techniques to support cost-effective development and use of dependable services and service oriented applications. From a technological point of view, recent years have seen the emergence of important standards enabling the Service Oriented vision; however, the engineering of complex and dependable service oriented software still lacks powerful, effective methods and tools.

The Workshop on Service Oriented Software Engineering (IW-SOSE'06) is intended to provide a forum for presentation and discussion of a wide range of topics related to the new paradigm of service oriented software engineering. The aim of this workshop is to bring together researchers from academia and industry, and practitioners working in the areas of software system engineering and service-oriented computing to discuss existing issues, recent developments, applications, methods, techniques, experience reports, and tools to support the development and use of service oriented systems.

The workshop seeks contributions addressing, but not limited to, the following topics:

Service oriented software system life-cycle	Resource organization and management in service oriented systems
Specification of Service oriented systems	Service oriented business process
Requirements for service oriented systems	integration and management
Design and development of service oriented systems	Service personalization and context-aware provision
Verification, validation and testing of services and service oriented systems	Service dependability, survivability, and reliability
Evolution and maintenance of service oriented systems	Trust, security, and privacy in service oriented systems
Service descriptions, discovery and composition	Quality of services
Service semantics and interoperability	Service visualization and re-factorization
Service deployment, binding, and monitoring	

Paper Submission and Publication: All contributions will be reviewed and evaluated based on originality, technical quality and relevance to the workshop theme. Besides research papers, experience papers and practical reports on industrial case studies are particularly welcome. Papers must be no longer than seven pages and follow the ICSE 2006 paper format (see <http://www.isr.uci.edu/icse-06/cfp/paperformat.html>). Directions on where to submit will be provided on the workshop website. The workshop proceedings will be published together with the ICSE proceedings on the ACM digital library. Authors of the selected best papers will be invited to submit a revised and extended version of their works to a special issue of the Automated Software Engineering Journal. Authors of accepted papers must register for the workshop.

IW-SOSE'06 website: <http://www.elet.polimi.it/conferences/SOSE06/>

Important Dates

Full Paper Submission:	1 February, 2006
Acceptance Notification:	1 March, 2006
Camera-Ready Copy:	14 March, 2006