Message from the CmSOS 2010 Workshop Chairs

The purpose of the 2010 International Workshop on Construction and Maintenance for Service-Oriented Software (CmSOS 2010) is to bring together researchers, engineers, and practitioners interested in all construction and maintenance-related research and experiences in the very broad spectrum of service-oriented computing.

Service-oriented architecture shifts the focus of software development from application programming to service composition based on standard protocols. With great potential to enhance system flexibility and extensibility to meet the dynamic, ever-changing needs of business, it has been one of the most promising computing paradigms in the Internet era. Presently, many of today’s large-scale software projects in the area of distributed systems and especially enterprise IT adopt service-oriented architectures and technologies. In contrast to traditional software, service-based software is intrinsically heterogeneous, dynamic, and collaborative. However, traditional software engineering approaches are not perfectly appropriate for service-oriented applications. The limitations of traditional methods in the context of service-oriented computing have led to the construction and maintenance of service-oriented software as a new specialist discipline, but research in this area is still immature and many open issues remain. There is an urgent need for the research community and industry practitioners to develop comprehensive engineering principles, methodologies, and tool support for the development, maintenance, and evolution of service-oriented software.

CmSOS 2010 will be held in conjunction with APSCC 2010 in Hangzhou, China, December 6–10, 2010. CmSOS 2010 is cosponsored by the School of Computer Science and Technology, Zhejiang University, China, and the School of Computers, Hangzhou Dianzi University, China.

We cordially invite you to attend CmSOS 2010. We solicited papers that present recent results, as well as more methodologies for evaluating and the road map for achieving the vision of construction and maintenance for service-oriented software.

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