

## CALL FOR PAPERS

Workshop on Service Oriented Architecture,  
in Nagoya, Japan, December 4, 2007,  
collocated with 14th Asia-Pacific Software Engineering Conference (APSEC'07)

### **Motivation**

This workshop will focus on Service Oriented Architecture (SOA). Service oriented architecture is a paradigm for organizing and utilizing distributed capabilities that may be under the control of different ownership domains. It provides a uniform means to offer, discover, interact with and use capabilities to produce desired effects consistent with measurable preconditions and expectations. By following service oriented architecture, a computer system or software is componentized as a service. One of the most important points of service oriented architecture is interoperability; the services should be accessed from other services easily. Service oriented architecture is still an emerging approach. There have not been so many concrete implementations yet. More researches and practices are required in this area.

### **Topic Areas**

The topics of this workshop include, but are not limited to the following topics.

- Practical use cases, case studies, and best practices for service oriented architecture
- Specification and standards for service oriented architecture
- Composition, Aggregation and Orchestration of services in service oriented architecture
- Quality of Services (Security, Performance, Reliability, etc.) and Service Level Agreement (SLA) in service oriented architecture
- Semantics and Ontology of services in service oriented architecture
- Evaluation and Testing methodology for service oriented architecture
- Middleware for service oriented architecture
- Technologies for service oriented architecture such as SOAP, REST, and CORBA
- Model Driven Architecture (MDA) in service oriented architecture
- Business Process Management (BPM) in service oriented architecture
- Description, Discovery, and Integration of services in service oriented architecture
- Service mediation and Enterprise Service Bus (ESB) in service oriented architecture
- Software as a Service (SaaS) in service oriented architecture

## **Paper Submissions**

The workshop welcomes submissions of regular (research or industrial) papers and short papers. All papers must be prepared in IEEE conference format.

([http://www.computer.org/portal/pages/cscps/cps/cps\\_forms.html](http://www.computer.org/portal/pages/cscps/cps/cps_forms.html))

Regular papers must not exceed 8 pages in length and short papers must not exceed 4 pages, including figures and references. Submissions should be sent to Toshiro Takase ([E30809@jp.ibm.com](mailto:E30809@jp.ibm.com)) by e-mail in PDF(.pdf) or MS Word(.doc) format.

## **Important Dates**

Paper submission:	October 1, 2007, 23:59 PST (no further extension)
Acceptance Notification:	October 15, 2007
Final Camera-ready:	October 29, 2007
Workshop:	December 4, 2007

## **Publication**

Accepted papers of the workshop will be published in the workshop proceedings with an International Standard Serial Number (ISSN) by the Information Processing Society of Japan. The workshop proceedings will be distributed to all participants in APSEC'07.

## **Organizations**

Workshop Co-Chair:

- William Cheng-Chung Chu, Tung Hai University, Taiwan
- Toshiro Takase, IBM Tokyo Research Laboratory, Japan

Program Committee:

- Aditya K. Ghose, University of Wollongong, Australia
- Jun Han, Swinburne University of Technology, Australia
- Yanbo Han, Institute of Computing Technology, Chinese Academy of Sciences, China
- Fuyuki Ishikawa, National Institute of Informatics, Japan
- Wei Jun, Institute of Software, Chinese Academy of Sciences, China
- Piyush Maheshwari, IBM India Research Laboratory, India
- Takahide Matsutsuka, Fujitsu Laboratories, Japan
- Masahide Nakamura, Kobe University, Japan
- Srinivas Padmanabhuni, Infosys, India
- Stefan Tai, IBM T. J. Watson Research Center, USA
- Liang-Jie Zhang, IBM T. J. Watson Research Center, USA