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Service-Oriented Computing

ICSOC 2010 International Workshops
PAASC, WESOA, SEE, and SOC-LOG
San Francisco, CA, USA, December 7-10, 2010
Revised Selected Papers

Volume Editors

E. Michael Maximilien

IBM Almaden Research Center, 650 Harry Road, 95120-6099 San José, CA, USA

E-mail: maxim@us.ibm.com

Gustavo Rossi

University of La Plata, Faculty of Informatics

50 & 115 st., first floor (1900) La Plata, Buenos Aires, Argentina

E-mail: gustavo@lifa.info.unlp.edu.ar

Soe-Tsyr Yuan

National Chengchi University

Taiwan, No. 64, Sec. 2, ZhiNan Rd., Wenshan District

Taipei City 11605, Taiwan, R.O.C.

E-mail: yuans@mis.nccu.edu.tw

Heiko Ludwig

IBM T.J. Watson Research Center

19 Skyline Dr., Hawthorne, NY-10532, USA

E-mail: hludwig@us.ibm.com

Marcelo Fantinato

University of São Paulo

03828-000 São Paulo - SP, Brazil

E-mail: m.fantinato@usp.br

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Preface

Welcome to the workshop program of the 8th International Conference on Service Oriented Computing (ICSOC 2010), held in San Francisco, December 2010. These workshop proceedings represent high-quality research and industry papers that showcase recent and new working developments in service-oriented computing and related fields.

Since the first meeting in Trento in 2003, ICSOC has become the premier conference in the rapidly evolving areas of service research. While keeping its roots in scientific excellence and technical depth of service technology, ICSOC 2010 aimed to combine technical aspects of service computing with application and business-oriented aspects of service design, following the recent emergence of service science as an interdisciplinary foundation for understanding an integrating service systems.

This ICSOC's workshop program comprised four workshops on current topics, presenting results and work in progress: (1) the First International Workshop on Performance Assessment and Auditing in Service Computing (PAASC 2010) addressed among its topics monitoring, compliance verification and the associated costs; (2) the Workshop on Engineering Service-Oriented Applications (WESOA 2010), organized for the sixth time in the context of ICSOC, addressed topics ranging from engineering services for a cloud environment to QoS of services to using "wisdom" as input to service composition; (3) the First International Workshop on Services, Energy, and Ecosystem (SEE 2010) looked at environmental aspects of services, ranging from power consumption of data centers to issues of caloric footprint of services using employees for fulfillment; and, finally, (4) the Second International Workshop on Service-Oriented Computing in Logistics (SOC-LOG 2010) discussed current work on managing logistics services, from infrastructure aspects such as event-driven approaches to issues of multi-modal services, addressing the challenges of integrating many participants across organizational and legislative boundaries.

A special thanks goes to the workshop authors, keynote speakers, panelists, and tutorial speakers, who together contributed to this important aspect of the conference. And of course, our biggest thanks goes to you, the tutorial and workshop participants. It is our great pleasure and privilege to present these proceedings. We hope you find it inspiring and useful for years to come.

December 2010

Heiko Ludwig
Fu-ren Lin
Michael Maximilien
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Table of Contents

PAASC 2010 Workshop

Introduction to the First International Workshop on Performance Assessment and Auditing in Service Computing (PAASC 2010)	1
<i>Claudia-Melania Chituc</i>	
A Case Study on Optimizing Web Service Monitoring Configurations	4
<i>Garth Heward, Jun Han, Ingo Müller, Jean-Guy Schneider, and Steve Versteeg</i>	
Configuration Decision Making Using Simulation-Generated Data	15
<i>Michael Smit and Eleni Stroulia</i>	
On the Formal Specification of Regulatory Compliance: A Comparative Analysis	27
<i>Amal Elgammal, Oktay Turetken, Willem-Jan van den Heuvel, and Mike Papazoglou</i>	
Performance and Cost Assessment of Cloud Services	39
<i>Paul Brebner and Anna Liu</i>	
Towards Assessing Performance in Service Computing	51
<i>Claudia-Melania Chituc</i>	

WESOA 2010 Workshop

Engineering Service-Oriented Applications 6 th International Workshop WESOA 2010	62
<i>Christian Zirpins, George Feuerlicht, Winfried Lamersdorf, and Guadalupe Ortiz</i>	
Adaptation of Web Services Based on QoS Satisfaction	65
<i>Barbara Pernici and S. Hossein Siadat</i>	
CAGE: Customizable Large-Scale SOA Testbeds in the Cloud	76
<i>Lukasz Juszczuk, Daniel Schall, Ralph Mietzner, Schahram Dustdar, and Frank Leymann</i>	
Engineering High Performance Service-Oriented Pipeline Applications with MeDICI	88
<i>Ian Gorton, Adam Wynne, and Yan Liu</i>	

Facilitating Enterprise Service Discovery for Non-technical Business Users	100
<i>Marcus Roy, Basem Suleiman, and Ingo Weber</i>	
Hypermedia-Driven RESTful Service Composition	111
<i>Rosa Alarcon, Erik Wilde, and Jesus Bellido</i>	
Process Restructuring in the Presence of Message-Dependent Variables	121
<i>Thomas S. Heinze, Wolfram Amme, and Simon Moser</i>	
Simple Metric for Assessing Quality of Service Design	133
<i>George Feuerlicht</i>	
Wisdom-Aware Computing: On the Interactive Recommendation of Composition Knowledge	144
<i>Soudip Roy Chowdhury, Carlos Rodríguez, Florian Daniel, and Fabio Casati</i>	
 SEE 2010 Workshop	
Introduction to the First International Workshop on Services, Energy, and Ecosystem (SEE 2010)	156
<i>Barbara Pernici, Shahram Dustdar, G.R. Gangadharan, Patricia Lago, and San Murugesan</i>	
A Dynamic Power Management Controller for Optimizing Servers' Energy Consumption in Service Centers	158
<i>Tudor Cioara, Ioan Salomie, Ionut Anghel, Iulian Chira, Alexandru Cocian, Ealan Henis, and Ronen Kat</i>	
An Energy Aware Context Model for Green IT Service Centers	169
<i>Ioan Salomie, Tudor Cioara, Ionut Anghel, Daniel Moldovan, Georgiana Copil, and Pierluigi Plebani</i>	
Creating Environmental Awareness in Service Oriented Software Engineering	181
<i>Patricia Lago and Toon Jansen</i>	
Towards Green Business Process Reengineering	187
<i>Alexander Nowak, Frank Leymann, and Ralph Mietzner</i>	
Business Process Improvement in Abnoba	193
<i>Konstantin Hoesch-Klohe and Aditya Ghose</i>	
Towards a Service-Oriented Energy Market: Current State and Trend...	203
<i>Giuliano Andrea Pagani and Marco Aiello</i>	

SOC-LOG 2010 Workshop

Introduction to the Second International Workshop on Service Oriented Computing in Logistics (SOC-LOG 2010)	210
<i>Joerg Leukel, André Ludwig, and Alex Norta</i>	
Coordinating Distributed Operations	213
<i>Daniel Oppenheim, Saeed Bagheri, Krishna Ratakonda, and Yi-Min Chee</i>	
Early Model-Analysis of Logistics Systems	225
<i>Freeha Azmat, Laura Bocchi, and José Luiz Fiadeiro</i>	
Event-Driven Services: Integrating Production, Logistics and Transportation	237
<i>A. Buchmann, H.-Chr. Pfohl, S. Appel, T. Freudenreich, S. Frischbier, I. Petrov, and C. Zuber</i>	
Preselection of Electronic Services by Given Business Services Based on Semantic Concept Correspondence Applied for the Logistics Domain	242
<i>Rolf Kluge</i>	
Realizing Process Modifications in Container Terminals with SOA – A Prototype	253
<i>Thomas Will and Thorsten Blecker</i>	
Author Index	265