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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

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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
Gustavo Rossi
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