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Service-Oriented Computing

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Volume Editors

Gerti Kappel
Vienna University of Technology
Institute of Software Technology
and Interactive Systems
Favoritenstraße 9-11/188
1040 Vienna, Austria
E-mail: gerti@big.tuwien.ac.at

Zakaria Maamar
Zayed University
College of Information Technology
P.O. Box 19282, Dubai, UAE
E-mail: zakaria.maamar@zu.ac.ae

Hamid R. Motahari-Nezhad
HP Labs - Services Research Lab
1501 Page Mill Road
Palo Alto, CA 94304, USA
E-mail: hamid-reza.motahari-nezhad@hp.com

Preface

Welcome to the 9th International Conference on Service-Oriented Computing (ICSOC 2011), held in Paphos, Cyprus, December 5–8, 2011. These proceedings contain high-quality research papers, both long and short, that showcase the latest developments in the ever-growing field of service-oriented computing.

Since the first meeting in 2003, ICSOC has become the premier forum for academics and industry researchers and practitioners to report and share groundbreaking works in service-oriented computing. ICSOC 2011 aimed at examining the research opportunities being offered by the possible blend of service-oriented computing with cloud computing. *Service-oriented and cloud computing* was thus the main theme of ICSOC 2011. Questions like how does service-oriented computing support the transition to cloud-based solutions, and how does it support infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS) were discussed during the conference.

This year's call for research papers attracted a total of 184 full submissions from 35 countries spanning all continents of the world. All submitted papers were reviewed in detail by members of the Program Committee, which was composed of experts in the field of service-oriented and cloud computing from 21 countries. Based on their reviews, 30 submissions were accepted as full papers, giving an acceptance rate of 16%. Additionally, 24 submissions were accepted as short papers. The conference program was complemented by outstanding keynotes, industry paper presentations, demonstrations, and a panel discussion as well as a PhD Symposium and a collection of workshops.

We would like to express our gratitude to all the institutions and sponsors that supported ICSOC 2011, namely, the Computer Science Department of the University of Cyprus, Hewlett Packard, IBM Research, Salesforce, Springer, and ServTech. These proceedings and this conference would not have been possible without the expertise and dedication of the members of the Program Committee. We are also indebted to the General Chairs of ICSOC 2011 (Mohand-Said Hacid, Winfried Lamersdorf, and George Papadopoulos), to the Chairs of the different tracks (Anis Charfi, Sven Graupner, Yücel Karabulut, Sam Guinea, Florian Rosenberg, Youakim Badr, Francisco Curbera, Michael Q. Sheng, Cesare Pautasso, Sonia Ben Mokhtar, Leandro Krug Wives, Ivan Bedini, Yacine Atif, Rainer Unland, Christos Mettouris, and Dieter Mayrhofer), to the external reviewers, to the local organizers, and last but not least to the members of

the conference Steering Committee. All of them helped to make ICSOC 2011 a success. Finally, special thanks go to all the researchers and students who contributed with their work and participated in the conference. We hope that you find the papers in these proceedings as stimulating as we did.

September 2011

Gerti Kappel
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