

Preface

This volume presents the proceedings of the scientific satellite events that were held in conjunction with the 2016 International Conference on Service-Oriented Computing, which took place in Alberta, Canada, October 10–13, 2016.

The satellite events provide venues for specialist groups to meet, to generate focused discussions on specific sub-areas within service-oriented computing, and to engage in community-building activities. These events helped significantly enrich the main conference by both expanding the scope of research topics and attracting participants from a wider community.

The selected scientific satellite events were organized around three main tracks, including a workshop track, a PhD symposium track, and a demonstration track.

The ICSOC 2016 workshop track consisted of three workshops on a wide range of topics that fall into the general area of service computing:

- ASOCA 2016: the First Workshop on Adaptive Service-Oriented and Cloud Applications
- ISyCC 2016: the First Workshop on IoT Systems Provisioning and Management in Cloud Computing
- BSCI 2016: the Second International Workshop on Big Data Services and Computational Intelligence

The workshops were held on October 10, 2016. Each workshop had its own chairs and Program Committee who were responsible for the selection of papers. The overall organization for the workshop program, including the selection of the workshop proposals, was carried out by Khalil Drira, Hongbing Wang, and Qi Yu.

The ICSOC PhD Symposium is an international forum for PhD students to present, share, and discuss their research in a constructive and critical atmosphere. It also provides students with fruitful feedback and advice on their research approach and thesis. The PhD Symposium Track was chaired by Yan Wang, Yuhong Yan, and François Charoy.

The ICSOC Demonstration Track offers an exciting and highly interactive way to show research prototypes/work in service-oriented computing (SOC) and related areas. The Demonstration Track was chaired by Jan Mendling, Mohamed Mohamed, and Zhongjie Wang.

We would like to thank the workshop, PhD symposium, and demonstration authors, as well as keynote speakers and workshop Organizing Committees, who together contributed to this important aspect of the conference.

We hope that these proceedings will serve as a valuable reference for researchers and practitioners working in the SOC domain and its emerging applications.

June 2017

Khalil Drira
Hongbing Wang
Qi Yu
Yan Wang
Yuhong Yan
François Charoy
Jan Mendling
Mohamed Mohamed
Zhongjie Wang
Sami Bhiri

Service-Oriented Computing – ICSOC 2016 Workshops
ASOCA, ISyCC, BSCI, and Satellite Events, Banff, AB,
Canada, October 10–13, 2016, Revised Selected
Papers

Drira, K.; Wang, H.; Yu, Q.; Wang, Y.; YAN, Y.; Charoy, F.;
Mendling, J.; Mohamed, M.; Wang, Z.; Bhiri, S. (Eds.)
2017, XIII, 222 p. 61 illus., Softcover
ISBN: 978-3-319-68135-1