Welcome to the 2007 IEEE International Conference on Service-Oriented Computing and Applications (SOCA 2007). The conference is one of the annual events sponsored by IEEE Computer Society Technical Committee on E-Commerce (TCEC). TCEC has been promoting enabling technologies for development of E-Commerce and facilitating knowledge and experience sharing of the latest research findings among researchers in the area. Service-Oriented Computing is a revolutionary discipline that may dramatically improve the current IT practices by shortening the software development life cycle and increasing software reusability and interoperability. However, its full potentials and applications have not been realized by research communities and by industry. In addition, a number of research issues remain unsolved. TCEC takes this opportunity to initiate a new series of events in order to explore and address these issues and to identify their applications. SOCA 2007 is the first event in this series. SOCA 2007 provides a forum for researchers who are interested in the issues and practices related to the development of service-oriented computing, design and technology, including its theoretical foundations, service infrastructures, and their applications and experiences. This conference includes innovative service research from both academic and industry communities. The scope of the conference includes service discovery, service composition, service quality, adaptive services and semantic services as well as Service-Oriented applications.

SOCA 2007 received 64 quality submissions. The program committee finally accepted 31 papers for presentation and for inclusion in the conference proceedings. In addition, 6 industry research and experience papers are also included in the program which provide insights into the Service-Oriented Computing research. In addition to the above papers, SOCA 2007 has three keynote talks presented by distinguished speakers — who share their thoughts and visions with delegates.

The program activities of SOCA 2007 are the results of huge efforts made by many authors, reviewers, presenters and organizers. We thank them all for helping to make this event possible and successful. Many thanks go to Industry Session Chairs, Jun-Jang Jeng and Jen-Yao Chung for their diligent work in organizing an outstanding industry program. We are very grateful to the Publication Chair, Muhammad Younas, for his efforts in setting up. Thanks also go to the Panel Chair, Ricardo Morin, for coordinating panel sessions. We also would like to express our gratitude to Yue Zhang for setting up an eye-catching conference web page. Finally, we would like to thank the Local Chair, Mark Panahi, for providing many useful facilities that have made this conference a great success.

**General Co-chairs:**

Kwei-Jay Lin, University of California, Irvine, USA
Wen-Hann Wang, Intel

**Program Co-chairs:**

Martin Bichler, TU Muenchen, Germany
Kuo-Ming Chao, Coventry University, UK
Katia Sycara, Carnegie Mellon University, USA