Welcome to the 2011 IEEE International Conference on Web Services (ICWS 2011)! ICWS 2011 is now celebrating its ninth anniversary. The long-term goal of ICWS is to establish a reputable and respectable conference for the international community of researchers and practitioners to exchange information regarding advancements in the state of the art and practice of web services, and to identify the emerging research topics and define the future of web services computing. ICWS 2011 is sponsored by the IEEE Computer Society Technical Committee on Services Computing (TC-SVC). ICWS 2011 is the flagship conference of the 2011 IEEE Congress on Services (SERVICES 2011) to celebrate their gathering again along with other events to explore “Services” (Science and Technology), which was promoted by the IEEE Computer Society in 2003!

Web services are Internet-based application components published using standard interface description languages and made universally available via uniform communication protocols. The program for ICWS 2011 continues to feature research papers with a wide range of topics, focusing on various aspects of IT services such as web services specifications and enhancements, discovery and integration, security, modeling, applications, and semantics.

As the most prestigious academic conference in the field of web services, the first International Conference on Web Services, ICWS 2003, was held at the Monte Carlo Resort in Las Vegas, Nevada, June 23–26, 2003. ICWS 2004 was held at the Westin Horton Plaza in San Diego, California, July 6–9, 2004. ICWS 2005 and the IEEE International Conference on Services Computing (SCC) 2005 were held at the Sheraton Safari Hotel in Orlando, Florida, July 11–15, 2005. ICWS 2006 and SCC 2006 were held at the Hyatt Hotel in Chicago, Illinois, September 18–22, 2006. ICWS 2007 and SCC 2007 were held at the Marriott Hotel in Salt Lake City, Utah, July 9–13, 2007. ICWS 2008 was held at the Beijing Friendship Hotel in Beijing, China, September 23–26, 2008. ICWS 2009 was held at the Los Angeles Marriott Hotel in Los Angeles, California, July 6–10, 2009. ICWS 2010 was held at the Hyatt Regency Miami in Miami, Florida, July 5–10, 2010. The ICWS 2003–2010 conferences have proven to be excellent catalysts for research and collaboration, and we fully expect that the ICWS 2011 conference will continue this trend.

Many people have worked very hard to make this conference possible. We would like to thank all who have helped in making ICWS 2011 a success. The Program Committee members and referees all deserve credit for producing the excellent final program that resulted from diligent reviews of the submissions. Special thanks go to the program chairs and all of the other Organizing Committee members. We would also like to express our appreciation to the Services Computing Professional Interest Community (PIC) at IBM Research, and SAP for its continuous sponsorship. Clearly, there are still many unresolved research issues with regard to services computing as it is a very young field. We hope you enjoy the conference and contribute to future ICWS events as authors, speakers, panelists, and volunteer conference organizers. Finally, ICWS belongs to you, the audience.

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