Welcome to Tokyo, Japan, and the Twelfth IEEE International Symposium on Object, Component, and Service-Oriented Real-Time Distributed Computing (ISORC 2009).

ISORC was started in 1998 with the goal to become an exemplary symposium series with the spirit of an open symposium. In the ISORC series, intensive discussions on a wide range of interconnected topics are made, focusing on object, component, and service-oriented technology, real-time systems, distributed systems, and embedded systems. The ISORC series provides a meeting point for exchanging ideas among leading engineers, scientists, analysts, and practitioners in these rapidly growing technological fields and is characterized by highly interactive sessions.

This year, in addition to the regular papers, ISORC 2009 will feature a special track entitled, National-Level Movements in Software Technology R&D. This track includes two sessions of focused invited presentations, providing a report on the national-level movement in the world and an objective assessment of the state of the art of several branches of the distributed real-time object-oriented dependable systems technological field.

To make ISORC 2009 a great success, many volunteers and organizations have contributed. We thank the Program Committee members who did an outstanding job in selecting papers for presentation at ISORC 2009 after careful reviews. The PC Co-Chairs, Shin Nakajima, Vana Kalogeraki, Jie Xu, and Eltefaat Shokri have prepared an excellent and exciting program. We also thank our workshop chair Sayaka Akioka for organizing a sister workshop: First International Workshop on Software Technologies for Future Dependable Distributed Systems (STFSSD 2009) that is certain to be engaging. We also would like to thank Midori Sugaya for all of her efforts in the local arrangements. Special thanks also go to the Waseda University GCOE program: International Research and Education Center for Ambient SoC for its generous support of ISORC 2009. Finally, we would like to express our sincere thanks to the Steering Committee members, in particular, its chair, Kane Kim from the University of California, Irvine for giving us continuous support, advice, and friendship.

On behalf of the Organizing Committee, we again welcome you to ISORC 2009. Thank you for your active participation in this wonderful event. We hope you enjoy a productive meeting.

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Miguel de Miguel, Technical University of Madrid, Spain