Message from the Program Co-Chairs

It is our great pleasure to welcome you to Santorini and to announce the technical program of the IEEE International Symposium on Object and Component-Oriented Real-Time Distributing Computing (ISORC 2007). Following the success of the previous editions of International Symposium on Object and Component-Oriented Real-Time Distributing Computing (ISORC), the current edition continues with its focus on topics initiated the previous years (e.g., components and sensor networks) and some new topics (e.g., model-driven development), all within the field of real-time distributed systems. Object and component-oriented paradigms are currently used extensively in the development of complex, high-integrity applications. These paradigms require specific adaptations for the development of time and safety critical applications. The 2007 IEEE International Symposium on Object and Component-Oriented Real-Time Distributing Computing (ISORC 2007) to be held in Santorini, Greece brings together researchers, engineers, and application developers from both industry and academia to present their latest advances in the field of object and component-oriented real-time distributed computing. The different sessions and the submissions reflect the different kinds of problems in the adaptations of these paradigms, and the problems of distributed real-time software in general.

The proceedings include 53 papers (43 regular papers and 10 short papers). Several papers provide an industrial perspective in fields such as middleware and model-driven development. All papers are distributed in 17 sessions. The technical program contains one keynote talk by Dr. Frederica Darema, NSF. This year ISORC will be co-located with the 5th IFIP Workshop on Software Technologies for Future Embedded and Ubiquitous Systems (SEUS 2007), the focus of which is complementary to ISORC.

We would like to thank the Program Committee members for their hard work and for their suggestions in the selection of papers. We thank all those who submitted papers for their efforts and the quality of their submissions. We also thank the General Co-Chairs, Prof. Jean-Pierre Banâtre, Prof. Stathes Hadjiefthymiades, Prof. Tatsuo Nakajima, and Dr. Robert Pettit for their assistance and support. We would like to express our special thanks to Kane Kim for his invaluable support and advice.

Thank you for your participation in the conference, and we hope you find the next 3 days fruitful and enjoyable and you will have an active participation in the next ISORC 2008 conference.

Miguel de Miguel  
Technical University of Madrid  
Spain

Vana Kalogeraki  
University of California, Riverside  
USA

Doo-Hyun Kim  
Konkuk University  
Korea