Message from the Program Co-Chairs

It is our great pleasure to welcome you to Orlando and to announce the technical program of the IEEE International Symposium on Object and Component Oriented Real-Time Distributing Computing (ISORC 2008). 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. model-driven development and sensor networks) and some new topics (e.g. control and verification), all within the field of real-time distributed systems. Object and component oriented paradigms are currently used extensively in the development of complex high reliability applications. These paradigms require specific adaptations for the development of time and safety critical applications. As the demand for advanced functionalities and robustness of distributed real-time applications continue to grow, our intellectual and engineering abilities are being challenged to come up with practical solutions to the problems faced in the design and development of such complex applications. The 2008 IEEE International Symposium on Object and Component Oriented Real-Time Distributing Computing (ISORC 2008) 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 41 papers (29 regular papers and 12 short papers), in addition to the papers from the special track. Several papers provide an industrial perspective in fields such as middleware and model driven development. All papers are distributed in 14 sessions. The technical program also contains the State of The Art Assessment Track.

Many people worked hard to make this year’s ISORC a success. We would like to thank the Program Committee members and the reviewers for their hard work and for their inputs in the selection of papers. We would also like to thank all those who submitted papers for their efforts and for the quality of their submissions. We owe a debt of gratitude to the General Co-Chairs, Dr. Robert Pettit, Prof. Uwe Brinkschulte, and Prof. Tharam Dillon for their assistance and support. Finally, special thanks to Prof. Kane Kim for his invaluable support and advice.

Thank you for your participation in the conference. We hope that you will find the next three days fruitful and enjoyable and we look forward to your active participation in ISORC 2009 conference as well.

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