Message from the RTCSA 2011 Conference Chairs

Welcome to Toyama, Japan, and the 17th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA 2011). The objective of the conference is to bring together researchers and developers from academia and industry to advance the technologies of embedded, real-time, and cyber-physical systems, and also ubiquitous computing applications. Therefore, following the tradition of RTCSA, the conference has three tracks, embedded systems, real-time systems, and ubiquitous computing/cyber-physical systems.

RTCSA started as a workshop in 1994, became a conference in 1998, and officially joined IEEE as an IEEE conference in 2005. This year’s RTCSA expands the scope of the ubiquitous computing track to include cyber-physical systems, so that it becomes the ubiquitous computing/cyber-physical systems track. This year, we received a total of 79 submissions. The papers come from 26 countries and regions including Austria, Belgium, Brazil, China, Finland, France, Germany, Greece, India, Iran, Italy, Japan, Korea, Malaysia, Netherlands, Norway, Poland, Portugal, Singapore, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, and USA. Each submission was reviewed by at least three peer reviewers. Overall, the best 43 papers—25 regular papers (32% acceptance rate) and 18 short papers—were selected.

We would like to take this opportunity to thank all of the authors who submitted their papers to the conference and the participants who joined in active discussions. We also thank the efforts of the Program Committee members in reviewing papers, and the RTCSA Steering Committee for their guidance in making RTCSA successful. A number of local chairs worked hard to coordinate the conference. We thank all of them for their tremendous efforts to make RTCSA 2011 successful.

Hide Tokuda and Daniel Mossé

RTCSA 2011 General Co-Chairs

Shuichi Oikawa, Neil Audsley, and Chang-Gun Lee

RTCSA 2011 Program Co-Chairs