

Message from the General Chairs

A number of challenges to achieve temporal predictability are faced by distributed applications given the complexity and scale of the current and upcoming domains. Approaches to enhance the traditional scheduling-centered focus of real-time research are needed since it is no longer possible to work solely on the assumptions of highly predictable execution platforms.

The germ of the first edition of the REACTION workshop initiated in 2012 was the idea of providing a forum for presenting novel contributions to merge real-time with the new computing paradigms and emerging applications that are intensive in the use of distribution.

In this second edition of REACTION 2013, we persist in our aim to bring together researchers from the real-time and the distributed systems communities to cross fertilize and provide fresh, novel, and (why not!) risky approaches that may open the road to new efficient solutions. We move on with our exploratory approach aiming at attracting the presentation and discussion of ideas of researchers working on distributed real-time systems for the next-generation applications. Contributions on both practical and theoretical aspects applied to the integration of real-time support in the new computation paradigms and emerging applications emphasizing aspects of real-time support for flexibility and system dynamics have been attracted.

The General Chairs of REACTION 2013 would like to thank all authors, contributors, and reviewers. They have shown that there is a real interest for the idea that we had in mind since the first edition. Also, we would like to thank the members of the Programme Committee for their support and help in making this event a reality. We would also like to thank Scuola Superiore Sant'Anna for their support in hosting the REACTION'13 website. Last but not least, we want to thank the RTSS Organizing Committee with special mention to the Workshops Chair for his outstanding support.

The REACTION 2013 General Chairs

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