ADAPTIVE 2013

Foreword

The Fifth International Conference on Adaptive and Self-Adaptive Systems and Applications (ADAPTIVE 2013), held between May 27 and June 1, 2013 in Valencia, Spain, targeted advanced system and application design paradigms driven by adaptiveness and self-adaptiveness. With the current tendencies in developing and deploying complex systems, and under the continuous changes of system and application requirements, adaptation is a key feature. Speed and scalability of changes require self-adaptation for special cases. How to build systems to be easily adaptive and self-adaptive, what constraints and what mechanisms must be used, and how to evaluate a stable state in such systems are challenging duties. Context-aware and user-aware are major situations where environment and user feedback is considered for further adaptation.

We take here the opportunity to warmly thank all the members of the ADAPTIVE 2013 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to ADAPTIVE 2013. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the ADAPTIVE 2013 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ADAPTIVE 2013 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of adaptive and self-adaptive systems and applications.

We are convinced that the participants found the event useful and communications very open. We hope that Valencia, Spain provided a pleasant environment during the conference and everyone saved some time to explore this historic city.

ADAPTIVE 2013 Chairs:

ADAPTIVE General Chair
Jaime Lloret Mauri, Polytechnic University of Valencia, Spain

ADAPTIVE Advisory Chairs
Radu Calinescu, Aston University, UK
Thomas H. Morris, Mississippi State University, USA
Serge Kernbach, University of Stuttgart, Germany
Antonio Bucchiarone, FBK-IRST of Trento, Italy
Jose Alfredo F. Costa, Universidade Federal do Rio Grande do Norte (UFRN), Brazil

ADAPTIVE Industry/Research Chairs
Dalimír Orfánus, ABB Corporate Research Center, Norway
Weirong Jiang, Juniper Networks Inc. - Sunnyvale, USA