

# ADAPTIVE 2014

## Foreword

The Sixth International Conference on Adaptive and Self-Adaptive Systems and Applications (ADAPTIVE 2014), held between May 25-29, 2014 in Venice, Italy, 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 2014 Technical Program Committee, as well as all of the reviewers. The creation of such a 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 2014. 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 2014 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ADAPTIVE 2014 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the area 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 Venice, Italy, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

### **ADAPTIVE 2014 Chairs:**

Radu Calinescu, University of York, 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  
Marc Kurz, Johannes Kepler University Linz - Institute for Pervasive Computing, Austria  
Dalimír Orfánus, ABB Corporate Research Center, Norway  
Weirong Jiang, Xilinx Research Labs, San Jose, USA  
Kier Dugan, University of Southampton, UK