ADAPTIVE 2010

Foreword

The Second International Conference on Adaptive and Self-adaptive Systems and Applications [ADAPTIVE 2010], held between November 21 and 26 in Lisbon, Portugal, 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 2010 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 2010. 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 2010 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ADAPTIVE 2010 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the areas of adaptive and self-adaptive systems and applications.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the beautiful surroundings of Lisbon, Portugal.

ADAPTIVE 2010 Chairs:

Radu Calinescu, Aston University, UK
Marc Gilg, University of Haute Alsace, France
Leszek Holenderski, Philips Research - Eindhoven, The Netherlands
Weirong Jiang, Juniper Networks, USA
Stefan Mangold, Disney Research - Zurich, Switzerland
Thomas H. Morris, Mississippi State University, USA
Naoki Wakamiya, Osaka University, Japan