

COGNITIVE 2010

Foreword

The Second International Conference on Advanced Cognitive Technologies and Applications [COGNITIVE 2010], held between November 21 and 26 in Lisbon, Portugal, targeted advanced concepts, solutions and applications of artificial intelligence, knowledge processing, agents, as key-players, and autonomy as manifestation of self-organized entities and systems. The advances in applying ontology and semantics concepts, web-oriented agents, ambient intelligence, and coordination between autonomous entities led to different solutions on knowledge discovery, learning, and social solutions.

We take here the opportunity to warmly thank all the members of the COGNITIVE 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 COGNITIVE 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 COGNITIVE 2010 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that COGNITIVE 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 area of advanced cognitive technologies 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.

COGNITIVE 2010 Chairs:

Petre Dini, Concordia University, Canada/ IARIA, USA

Qiang Fu, Broadcom Corporation, USA

Hermann Kaindl, TU-Wien, Austria

JianQiang Li, NEC Labs, China

Sugata Sanyal, Tata Institute of Fundamental Research - Mumbai, India

Qin Xin, Simula Research Laboratory, Norway