COGNITIVE 2014

Foreword

The Sixth International Conference on Advanced Cognitive Technologies and Applications (COGNITIVE 2014), held between May 25-29, 2014 in Venice, Italy, 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 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 COGNITIVE 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 COGNITIVE 2014 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that COGNITIVE 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 advanced cognitive technologies 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.

COGNITIVE 2014 Chairs:

Hermann Kaindl, TU-Wien, Austria
Sugata Sanyal, Tata Consultancy Services, Mumbai, India
Po-Hsun Cheng (鄭伯壎), National Kaohsiung Normal University, Taiwan
Narayanan Kulathuramaiyer, UNIMAS, Malaysia
Susanne Lajoie, McGill University, Canada
Jose Alfredo F. Costa, Universidade Federal do Rio Grande do Norte (UFRN), Brazil
Terry Bosomaier, Charles Sturt University, Australia
Hakim Lounis, UQAM, Canada
Darsana Josyula, Bowie State University; University of Maryland, College Park, USA
Om Prakash Rishi, University of Kota, India
Qin Xin, Simula Research Laboratory, Norway
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Knud Thomsen, Paul Scherrer Institute, Switzerland