# WEB 2016

# Foreword

The Fourth International Conference on Building and Exploring Web Based Environments (WEB 2016), held between June 26 - 30, 2016 - Lisbon, Portugal, was the inaugural conference on web-related theoretical and practical aspects, focusing on identifying challenges for building web-based useful services and applications, and for effectively extracting and integrating knowledge from the Web, enterprise data, and social media.

The Web has changed the way we share knowledge, the way we design distributed services and applications, the way we access large volumes of data, and the way we position ourselves with our peers.

Successful exploitation of web-based concepts by web communities lies on the integration of traditional data management techniques and semantic information into web-based frameworks and systems.

We take here the opportunity to warmly thank all the members of the WEB 2016 Technical Program Committee, as well as the numerous 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 WEB 2016. 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 WEB 2016 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that WEB 2016 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 Web-based environments.

We are convinced that the participants found the event useful and communications very open. We also hope that Lisbon provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city.

**WEB 2016 Chairs:**

Irina Astrova, Tallinn University of Technology, Estonia
Zhe Wu, Oracle, USA
Mariusz Trzaska, Polish-Japanese Institute of Information Technology, Poland
Maria Del Pilar Angeles, Universidad Nacional Autonoma de Mexico - Del Coyoacan, Mexico
Davide Rossi, University of Bologna, Italy
Adriana Martin, National University of Austral Patagonia (UNPA), Argentina
Daniela Marghitu, Auburn University, USA