

WEB 2017

Foreword

The Fifth International Conference on Building and Exploring Web Based Environments (WEB 2017), held between May 21 - 25, 2017 - Barcelona, Spain, continued 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 2017 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 2017. 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 2017 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that WEB 2017 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 Barcelona provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city.

WEB 2017 Chairs:

Daniela Marghitu, Auburn University, USA

Erich Schweighofer, University of Vienna - Centre for Computers and Law, Austria

Toyohide Watanabe, Nagoya Industrial Science Research Institute, Japan

Demetrios Sampson, Curtin University, Australia

Mariusz Trzaska, Polish-Japanese Academy of Information Technology, Poland

Imon Banerjee, Stanford University School of Medicine, USA

Alexiei Dingli, University of Malta, Malta

Hossein Sarrafzadeh, Unitec Institute of Technology, New Zealand

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