ALLDATA 2015

Foreword

The First International Conference on Big Data, Small Data, Linked Data, and Open Data (ALLDATA 2015), held between April 19th-24th, 2015 in Barcelona, Spain, is an inaugural event bridging the concepts and the communities devoted to each of data categories for a better understanding of data semantics and their use, by taking advantage from the development of Semantic Web, Deep Web, Internet, non-SQL and SQL structures, progresses in data processing, and the new tendency for acceptance of open environments.

The volume and the complexity of available information overwhelm human and computing resources. Several approaches, technologies and tools are dealing with different types of data when searching, mining, learning and managing existing and increasingly growing information. From understanding Small data, the academia and industry recently embraced Big data, Linked data, and Open data. Each of these concepts carries specific foundations, algorithms and techniques, and is suitable and successful for different kinds of application. While approaching each concept from a silo point of view allows a better understanding (and potential optimization), no application or service can be developed without considering all data types mentioned above.

ALLDATA 2015 also featured the following Symposium:
- KESA 2015, The International Workshop on Knowledge Extraction and Semantic Annotation

We take here the opportunity to warmly thank all the members of the ALLDATA 2015 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 ALLDATA 2015. 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 ALLDATA 2015 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that ALLDATA 2015 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the domain of data management.

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

ALLDATA 2015 Advisory Committee:

Mark Balas, Embry-Riddle Aeronautical University in Daytona Beach, USA
Yeh-Ching Chung, National Tsing Hua University, Taiwan
Andreas Schmidt, University of Applied Sciences Karlsruhe | Karlsruhe Institute of Technology, Germany
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