ALLDATA 2017

Forward

The Third International Conference on Big Data, Small Data, Linked Data and Open Data (ALLDATA 2017), held between April 23-27, 2017 in Venice, Italy, followed a series of events 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.

The conference had the following tracks:
- Big data
- Linked data
- Open data
- Challenges in processing Big Data and applications

The conference also featured the following workshop:
- **KESA 2017, The International Workshop on Knowledge Extraction and Semantic Annotation**

We take here the opportunity to warmly thank all the members of the ALLDATA 2017 technical program committee, as well as all 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 that dedicated much of their time and effort to contribute to ALLDATA 2017. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the ALLDATA 2017 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that ALLDATA 2017 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress of different types of data. We also hope that Venice, Italy provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

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