

DATA ANALYTICS 2015

Forward

The Fourth International Conference on Data Analytics (DATA ANALYTICS 2015), held between July 19-24, 2015 in Nice, France, continued a series of events on fundamentals in supporting data analytics, special mechanisms and features of applying principles of data analytics, application-oriented analytics, and target-area analytics.

Processing of terabytes to petabytes of data, or incorporating non-structural data and multi-structured data sources and types require advanced analytics and data science mechanisms for both raw and partially-processed information. Despite considerable advancements on high performance, large storage, and high computation power, there are challenges in identifying, clustering, classifying, and interpreting of a large spectrum of information.

The conference had the following tracks:

- Resiliency and Sustainability through Analytics
- Application-oriented analytics
- Mechanisms and Features
- Target analytics
- Big Data

Similar to previous editions, this event attracted excellent contributions and active participation from all over the world. We were very pleased to receive top quality contributions.

We take here the opportunity to warmly thank all the members of the DATA ANALYTICS 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 that dedicated much of their time and effort to contribute to DATA ANALYTICS 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 also gratefully thank the members of the DATA ANALYTICS 2015 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that DATA ANALYTICS 2015 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of data analytics. We also hope that Nice, France, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

DATA ANALYTICS 2015 Chairs

DATA ANALYTICS Advisory Chairs

Fritz Laux, Reutlingen University, Germany
Lina Yao, The University of Adelaide, Australia
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Sandjai Bhulai, VU University Amsterdam, The Netherlands
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- Rome, Italy
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Farhana Kabir, Intel, USA
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Sumit Negi, IBM Research, India
Vedran Sabol, Know-Center - Graz, Austria
George Tambouratzis, Institute for Language and Speech Processing - Athena Research Centre,
Greece
Yanchang Zhao, RDataMining.com, Australia
Masahiro Terabe, Mitsubishi Research Institute, Inc., Japan
Marina Santini, Santa Anna IT Research Institute AB, Sweden
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Shandian Zhe, Purdue University, USA

Michael Schaidnager, Reutlingen University, Germany

DATA ANALYTICS Special Area Chairs

Resiliency and Sustainability Through Analytics

Thomas Klemas, AIRS, Swansea University, USA

Steve Chan, Swansea University & Hawaii Pacific University, USA