DATA ANALYTICS 2022

Forward

The Eleventh International Conference on Data Analytics (DATA ANALYTICS 2022), held between November 13 and November 17, 2022, continued the series 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:
- Application-oriented analytics
- Big Data
- Sentiment/opinion analysis
- Data Analytics in Profiling and Service Design
- Fundamentals
- Mechanisms and features
- Predictive Data Analytics
- Transport and Traffic Analytics in Smart Cities

We take here the opportunity to warmly thank all the members of the DATA ANALYTICS 2022 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 DATA ANALYTICS 2022. 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 DATA ANALYTICS 2022 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 2022 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of data analytics. We hope that Valencia provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

DATA ANALYTICS 2022 Steering Committee

Sandjai Bhulai, Vrije Universiteit Amsterdam, the Netherlands
Ivana Semanjski, Ghent University, Belgium
Les Sztandera, Thomas Jefferson University, USA
Kerstin Lemke-Rust, Hochschule Bonn-Rhein-Sieg, Germany
Wolfram Wöß, Institute for Application Oriented Knowledge Processing | Johannes Kepler University,

Linz, Austria

George Tambouratzis, Institute for Language and Speech Processing, Athena R.C., Greece

DATA ANALYTICS 2022 Publicity Chair

Mar Parra, Universitat Politecnica de Valencia, Spain
Sandra Viciano Tudela, Universitat Politecnica de Valencia, Spain