

# DATA ANALYTICS 2013

## Foreword

The Second International Conference on Data Analytics (DATA ANALYTICS 2013), held between September 29 and October 3, 2013 in Porto, Portugal, 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.

We take here the opportunity to warmly thank all the members of the DATA ANALYTICS 2013 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and 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 DATA ANALYTICS 2013. 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 DATA ANALYTICS 2013 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that DATA ANALYTICS 2013 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 data analytics.

We are convinced that the participants found the event useful and communications very open. We hope that Porto, Portugal, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

**DATA ANALYTICS 2013 Chairs:**

**DATA ANALYTICS General Chair**

Sandjai Bhulai, VU University Amsterdam, The Netherlands