

# Preface

Big data are rapidly growing in all domains. Knowledge discovery using data analytics is important to several applications ranging from healthcare to manufacturing to smart city. The purpose of the DaWaK conference is to provide a forum for the exchange of ideas and experiences among theoreticians and practitioners who are involved in design, management, and implementation of big data management, analytics, and knowledge discovery solutions.

We received 90 good-quality submissions, from which 31 were selected for presentation and inclusion in the proceedings, after peer-review by at least three international experts in the area. The selected papers were included in the following sessions: Big Data Management, Stream Processing, Data Warehousing, Social Network Applications, Data Mining, and Big Data Applications.

Major credit for the quality of the track program goes to the authors who submitted high-quality papers and the reviewers, who under relatively short time and deadlines completed the reviews. We thank all the authors who contributed the papers and the reviewers who selected very high quality papers. We would like to thank all the members of the DEXA committee for their support and help; in particular, we are very thankful to Gabriela Wagner for her non-stop support. Finally, we would like to thank the local Organizing Committee for the wonderful arrangements and all the participants for attending the DaWaK conference and stimulating the technical discussions.

We hope that all participants enjoyed the conference and city of Valencia.

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