

Preface

This book contains a selection of refereed short papers presented at the *Annual International Conference of the German Operations Research Society (OR2016)*, which took place at the Helmut-Schmidt-Universität/Universität der Bundeswehr Hamburg, Germany, August 30–September 2, 2016. Over 700 participants attended the conference—practitioners and academics from mathematics, computer science, business/economics, and related fields. The scientific program included 475 presentations. The conference theme, Analytical Decision Making, has placed emphasis on the process of researching complex decision problems and devising effective solution methods toward better decisions. This includes mathematical optimization, statistics, and simulation techniques, yet such approaches are complemented by methods from computer science for the processing of data and the design of information systems. Recent advances in information technology enable the treatment of big data volumes and real-time predictive and prescriptive business analytics to drive decisions and actions. Problems are modeled and treated under consideration of uncertainty, behavioral issues, and strategic decision situations.

Altogether 86 submissions have been accepted for this volume (acceptance rate 66%), which includes papers from the GOR doctoral dissertation and master's thesis prize winners. The submissions have been evaluated by the stream chairs for their suitability for publication with the help of selected referees. Final decisions have been made by the editors of this volume.

We would like to thank the many people who made the conference a tremendous success, in particular the members of the organizing and the program committees, the 40 stream chairs, our 12 invited plenary and semi-plenary speakers, our exhibitors and sponsors, the many people organizing behind the scenes, and, last but not least, the participants from 40 countries. We hope that you enjoyed the conference as much as we did.

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