

Preface

This book includes extended and revised versions of selected papers presented during the 5th International Conference on Operations Research and Enterprise Systems (ICORES 2015), held in Lisbon, Portugal, during January 10–12, 2015. ICORES 2015 was sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC) and co-sponsored by the Portuguese Association of Operational Research (Apdio).

The purpose of the International Conference on Operations Research and Enterprise Systems is to bring together researchers, engineers, and practitioners interested in both research and practical applications in the field of operations research. Two simultaneous tracks were held, one focused on methodologies and technologies and the other on practical applications in specific areas.

ICORES 2015 received 89 paper submissions from 38 countries across six continents. Of these, 21 % were presented at the conference as full papers. These authors were then invited to submit extended versions of their papers. Each submission was evaluated during a double-blind review by the conference Program Committee. The best 18 papers were selected for publication in this book.

ICORES 2015 also included four plenary keynote lectures from internationally distinguished researchers: Francisco Ruiz, (University of Málaga, Spain), Marc Demange (School of Mathematical and Geospatial Sciences, RMIT University, Australia), Marino Widmer (University of Fribourg, Switzerland), and Bernard Ries (Université Paris-Dauphine, France). We gratefully acknowledge their invaluable contribution as renowned experts in their respective areas. They presented cutting-edge work, thus enriching the scientific content of the conference.

We especially thank all authors whose research and development efforts are recorded here. The knowledge and diligence of our reviewers were also essential to ensure that high-quality papers were presented at the conference and published herein. Finally, our special thanks to all members of the INSTICC team for their indispensable administrative skills and professionalism, both of which contributed to a well-organized, productive, and memorable conference.

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