

Preface

The present book includes extended and revised versions of a set of selected papers from the Third International Conference on Operations Research and Enterprise Systems (ICORES 2014), held in ESEO, Angers, Loire Valley, France, during March 6–8, 2014, which was organized by the Institute for Systems and Technologies of Information, Control, and Communication (INSTICC) and held in cooperation with the ACM Special Interest Group on Applied Computing (ACM SIGAPP). ICORES is also technically cosponsored by the Portuguese Association of Operational Research (Apdio).

The purpose of the International Conference on Operations Research and Enterprise Systems (ICORES) is to bring together researchers, engineers, and practitioners interested in the theory and applications in the advances and applications in the field of operations research. Two simultaneous tracks were held, covering on one side domain-independent methodologies and technologies and on the other side practical work developed in specific application areas.

ICORE 2014 received 96 paper submissions from 31 countries, in all continents. To evaluate each submission, a double-blind paper review was performed by the Program Committee, whose members are highly qualified researchers in ICORES topic areas. Based on the classifications provided, only 38 papers were selected for oral presentation (20 full papers and 18 short papers) and 21 papers were selected for poster presentation. The full paper acceptance ratio was about 21% and the total oral acceptance ratio (including full papers and short papers) was 40%. These strict acceptance ratios show the intention to preserve a high-quality forum which we expect to develop further next year.

We would like to highlight that ICORES 2014 included also three plenary keynote lectures given by internationally distinguished researchers, namely: Nicolas Zufferey (University of Geneva, Switzerland), Marie-Christine Costa (ENSTA - ParisTech, France), and Paul Williams (London School of Economics, UK).

We would like to express our appreciation to all of them and in particular to those who took the time to contribute with a paper to this book.

We must thank the authors, whose research and development efforts are recorded here. We also thank the keynote speakers for their invaluable contribution and for taking the time to synthesize and prepare their talks. Finally, special thanks to all the members of the INSTICC team, whose collaboration was fundamental for the success of this conference.

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