

Preface

The Association for the Advancement of Modelling and Simulation Techniques in Enterprises (AMSE) and the Royal Academy of Economic and Financial Sciences of Spain (RACEF) are pleased to present the main results of the International Conference of RACEF, held in Barcelona (Spain), and the International Conference of Modelling and Simulation in Engineering, Economics and Management, held in Chania, Crete (Greece), 7–8 November 2013, through this Book of Proceedings. We would also like to thank Constantin Zopounidis from the AMSE for organizing the conference and Prof. Jaime Gil-Aluja, President of the Royal Academy of Economic and Financial Sciences of Spain, from RACEF.

MS'13 Chania is co-organized by the AMSE Association and the Technical University of Crete, Greece. It is co-supported by the Spanish Royal Academy of Financial and Economic Sciences and the Spanish Ministry of Education, Culture and Sports. It offers a unique opportunity for researchers and professionals to present and exchange ideas concerning modelling, simulation and related topics and shows how they can be implemented in the real world. In this edition of the International Conference, we want to give special attention to the emerging area of Computational Intelligence. In particular, we want to focus on the implementation of these techniques in the Economic Sciences, Culture and Sports. Thus, the title of this book is “*Decision Making and Knowledge Decision Support Systems*”. It is a very broad research area that includes fuzzy set theory, neural networks, evolutionary computation, probabilistic reasoning and chaotic computing as particular research topics of this discipline. The growing importance of Decision Making in the Economic Sciences is obvious when looking at the complex world we are living in. Every year new ideas and products appear in the markets, making them very flexible and with strong unpredicted fluctuations. Therefore, in order to deal with our world in a proper way, we need to use models that are able to assess imprecision and uncertainty.

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Decision Making and Knowledge Decision Support
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