

Preface

This book includes extended and revised versions of a set of selected papers from the 5th International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH 2015), which is sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC) and co-organized by the University of Haute Alsace. SIMULTECH is held in cooperation with the ACM SIGSIM—Special Interest Group (SIG) on Simulation and Modeling (SIM), Japan Society for Simulation Technology (JSST), Federation of Asia Simulation Societies (ASIASIM), AIS Special Interest Group on Modeling and Simulation (AIS SIGMAS), Federation of European Simulation Societies (EUROSIM), Movimento Italiano Modellazione e Simulazione (MIMOS), and European Council for Modelling and Simulation (ECMS). It is also technically co-sponsored by Liophant Simulation and Simulation Team.

This conference brings together researchers, engineers, and practitioners interested in methodologies and applications of modeling and simulation. The main topics covered in the papers accepted in the conference are: Methodologies, technologies, tools, and applications of modeling and simulation. The carefully selected and accepted papers demonstrate new and innovative solutions. They also highlight technical issues and challenges in this field.

SIMULTECH 2015 received 102 paper submissions, including special sessions, from 36 countries in all continents, of which 53 % were orally presented (19 % as full papers). A double-blind peer paper review was performed by the international Program Committee members, all of them recognized in at least one of the main conference topic areas.

The papers included in this book were selected from those with the best reviews taking also into account the quality of their presentation at the conference, assessed by the session chairs. Therefore, we hope that you find the papers included in this book interesting, and we trust they will represent as helpful references.

We wish to thank all those who supported and helped to organize the conference. On behalf of the conference Organizing Committee, we would like to thank the authors whose work mostly contributed to a very successful conference; the

members of the Program Committee whose expertise and diligence were instrumental to ensure the quality of final contributions; and the invited distinguished keynote speakers for their invaluable contribution. We also like to thank the distinguished Panelists who set up an energizing tone and made excellent remarks that were instrumental in making the conference more interesting and valuable to attendees. We also wish to thank all the members of the Organizing Committee whose work and commitment were invaluable. Thanks to the administrators, faculty, staff and students of the University of Haute-Alsace, France especially Prof. Pascal Lorenz for hosting the conference and for their great help in local arrangements. Thanks also are due to the organizations that technically co-sponsored the conference. Special thanks go to the Staff members of SIMULTECH 2015 for their outstanding support and dedicated work. Last but not least, we would like to thank INSTICC for sponsoring and organizing the conference.

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