Preface

The present book includes extended and revised versions of a set of selected papers from the 17th International Conference on Enterprise Information Systems (ICEIS 2015), held in Barcelona, Spain, during April 27–30, 2015. The conference was sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), held in cooperation with the Association for the Advancement of Artificial Intelligence (AAAI), IEICE Special Interest Group on Software Enterprise Modelling (SWIM), ACM Special Interest Group on Management Information Systems ACM (SIGMIS), ACM Special Interest Group on Artificial Intelligence (ACM SIGAI), Asociación Española para la Inteligencia Artificial (AEPIA), and in collaboration with the Informatics Research Center (IRC).

The conference was organized in six simultaneous tracks: Databases and Information Systems Integration; Artificial Intelligence and Decision Support Systems; Information Systems Analysis and Specification; Software Agents and Internet Computing; Human–Computer Interaction; and Enterprise Architecture. The book is based on the same structure.

ICEIS 2015 received 327 paper submissions from 52 countries in all continents. From these, after a blind review process, 73 were accepted as full papers, of which 30 were selected for inclusion in this book, based on the classifications provided by the Program Committee. The selected papers reflect state-of-art research work that is often oriented toward real-world applications and highlight the benefits of information systems and technology for industry and services, thus creating a bridge between the worlds of academia and enterprise. These high-quality standards will be maintained for the future edition of this conference.

Furthermore, ICEIS 2015 included four plenary keynote lectures given by George Giaglis (Athens University of Economics and Business, Greece), Witold Staniszkis (Rodan Development, Poland), Martin Mocker (MIT, USA and Reutlingen University, Germany), and Nuria Oliver (Telefonica Research, Spain). 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.

On behalf of the conference Organizing Committee, we would like to thank all participants. First of all the authors, whose quality work is the essence of the conference, and the members of the Program Committee, who helped us with their expertise and diligence in reviewing the papers. As we all know, a conference requires the effort of many individuals. We wish to also thank all the members of our Organizing Committee, whose work and commitment were invaluable.

October 2015

Slimane Hammoudi
Leszek Maciaszek
Ernest Teniente
Olivier Camp
José Cordeiro

Enterprise Information Systems
17th International Conference, ICEIS 2015, Barcelona,
Spain, April 27-30, 2015, Revised Selected Papers
Hammoudi, S.; Maciaszek, L.A.; Teniente, E.; Camp, O.;
Cordeiro, J. (Eds.)
2015, XVIII, 656 p. 263 illus. in color., Softcover
ISBN: 978-3-319-29132-1