

Preface

The present book includes extended and revised versions of a set of selected papers from the 16th International Conference on Enterprise Information Systems (ICEIS 2014), held in Lisbon, Portugal, during April 27–30, 2014. 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 SIGART - ACM Special Interest Group on Artificial Intelligence, ACM SIGMIS - ACM Special Interest Group on Management Information Systems, ACM SIGCHI - ACM Special Interest Group on Computer–Human Interaction, 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 2014 received 313 paper submissions from 50 countries in all continents. From these, after a blind review process, only 47 were accepted as full papers, of which 24 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 forming a bridge between the worlds of academia and enterprise. These high-quality standards were maintained and reinforced at ICEIS 2015, which was held in Barcelona, Spain, and will continue to be reinforced in future editions of this conference.

Furthermore, ICEIS 2014 included five plenary keynote lectures given by Kecheng Liu (University of Reading, UK), Jan Dietz (Delft University of Technology, The Netherlands), Antoni Olivé (Universitat Politècnica de Catalunya, Spain), José Tribolet (INESC-ID/Instituto Superior Técnico, Portugal), and Hans-J. Lenz (Freie Universität Berlin, Germany). 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, producing a conference requires

the effort of many individuals. We wish to thank also all the members of our Organizing Committee, whose work and commitment were invaluable.

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