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 Interface 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).


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.

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