

Preface

The present book includes extended and revised versions of selected papers submitted to the 10th Conference on Information Systems Management (ISM 2015) and the 13th Conference on Advanced Information Technologies for Management (AITM 2015) held in Łódź, Poland, during September 13–16, 2015. These conferences were organized as the sub-conferences within the Federated Conference on Computer Science and Information Systems (FedCSIS 2015). FedCSIS provides a platform for bringing together researchers, practitioners, and academics to present and discuss ideas, challenges, and potential solutions on established or emerging topics related to research and practice in computer science and information systems. Since 2012, the proceedings of FedCSIS have been indexed in the Thomson Reuters Web of Science. In addition, FedCSIS full and short papers are included in the IEEE Xplore Digital Library.

ISM 2015 was a forum for computer scientists, IT specialist, and business people to exchange ideas on management of information systems in organizations, and the usage of information systems for enhancing the decision-making process and for empowering managers. It concentrated on various issues of planning, organizing, resourcing, coordinating, controlling, and leading of management functions to ensure a smooth operation of information systems in organizations.

AITM 2015 was a forum for those in the field of business informatics to present and discuss the current issues of IT in business applications. It was mainly focused on business process management, enterprise information systems, business intelligence methods and tools, decision support systems and data mining, intelligence and mobile IT, cloud computing, SOA, agent-based systems, and business-oriented ontologies.

ISM 2015 and AITM 2015 received 54 papers from 14 countries in all continents. After a review process, only 18 papers were accepted as full papers. Twelve papers of the highest quality as ranked by the Program Committee were chosen and the authors were invited to extend their papers and submit them for consideration to the LNBIP publication. Our guiding criteria for including papers in the book were the excellence of the publications indicated by the reviewers, the relevance of the subject matter for the economy, and promising results. Finally, 11 papers were selected for publication in this book. The selected papers reflect state-of-the-art research work that is often oriented toward real-world applications and highlight the benefits of information systems and technology for business and public administration, thus forming a bridge between theory and practice. These papers focus on knowledge management systems, information technology for business and public organizations, and evaluation of information systems.

I would like to take this opportunity to express my gratitude to all those who contributed to the ISM 2015 and AITM 2015 research events. First of all, the authors, whose quality work was the essence of the conference, and the members of the Program Committee, who helped us with their expertise and diligence in reviewing the papers. I am deeply grateful to the program chairs of ISM 2015 and AITM 2005,

namely, Witold Chmielarz, Helena Dudycz, and Jerzy Korczak, for their organizational involvement in the events and the evaluation of papers. Many thanks to the chairs of FedCSIS 2015, i.e., Maria Ganzha, Leszek A. Maciaszek, and Marcin Paprzycki, for putting a lot of effort into organizing the big and excellent research event. Their work and commitment were invaluable.

Finally, we hope readers will find the content of this book useful and interesting for their own research activities. It is in this spirit and conviction that we present our monograph, which is the result of the intellectual effort of the authors, for the final judgment of readers. We are open to discussion on the issues raised in this book, and we look forward to the polemical, or even critical, voices as to the content and form.

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