

Preface

The **International Conference on Information Systems Development (ISD)** is an academic conference where researchers and practitioners share their knowledge and expertise in the field of information systems development. As an Affiliated Conference of the Association for Information Systems (AIS), the ISD conference complements the international network of general IS conferences (ICIS, ECIS, AMCIS, PACIS, ACIS). The ISD conference continues the tradition started with the first Polish-Scandinavian Seminar on Current Trends in Information Systems Development Methodologies, held in Gdansk, Poland in 1988. This seminar has evolved into the International Conference on Information Systems Development.

During its history, the conference has focused on different aspects, ranging from methodological, infrastructural, or educational challenges in the ISD field to bridging the gaps between industry, academia, and society. The development of information systems has paralleled technological developments and the deployment of those technologies in all areas of society, including government, industry, community, and in the home. ISD has always promoted a close interaction between theory and practice that has set an agenda focused on the integration of people, processes, and technology within a specific context.

This publication is a selection of papers from ISD2016, the 25th ISD conference hosted by the Faculty of Informatics and Communication, University of Economics in Katowice, and held in Katowice, Poland on August 24–26, 2016. All accepted papers have been published in the AIS eLibrary at <http://aisel.aisnet.org/isd2014/proceedings2016>. This volume contains extended versions of the best papers, as selected by the ISD2016 Proceedings Editors.

The theme of the conference was *Complexity in Information Systems Development*. Complexity in information systems development includes considerations of context, creativity, and cognition in the information systems development field which enable information systems to be examined as they are actually developed, implemented, and used. Context-aware computing refers to the ability of computing devices to detect and sense, interpret, and respond to, aspects of a user's local environment and the computing devices themselves. Thus, considerations of context are especially important for mobile applications development. Cognition

and creativity are also present in an organization's development efforts, in the identification of new markets and technologies, and in their information systems projects.

Context, creativity and cognition have different interpretations in social and technical sciences, which encourages inter-, cross-, multi- and intradisciplinary research. As such, complexity in information system development is manifested by projects and research works focusing on technological issues as well as on social, organizational and economic issues.

ISD2016 focused on these and associated topics in order to promote research into theoretical and methodological issues and ways in which complexity influence the field of Information Systems Development. We believe that the papers assembled in this publication are an important contribution in this regard.

Katowice, Poland
Katowice, Poland
Caulfield East, Australia
Galway, Ireland
Galway, Ireland
Kowloon, Hong Kong

Jerzy Gołuchowski
Małgorzata Pańkowska
Henry Linger
Chris Barry
Michael Lang
Christoph Schneider

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Goluchowski, J.; Pankowska, M.; Linger, H.; Barry, C.;
Lang, M.; Schneider, C. (Eds.)

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