

# **Lecture Notes in Information Systems and Organisation**

Volume 26

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# Advances in Information Systems Development

Methods, Tools and Management

 Springer

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# 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, ACIS, AMCIS, PACIS, and HICSS). 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.

Throughout its history, the conference has focused on different aspects, ranging from methodological, infrastructural, and educational challenges in the ISD field to bridging the gaps between industry, academia, and society. Advancements in information systems foster technological developments. The deployment of the resulting technologies in all areas of society, including public and private sectors, the community, and in the home, is greatly beneficial. ISD has always promoted a close interaction between theory and practice that has set a human-centered agenda focused on advancing the methods, tools, and management of IS.

This volume is a selection of papers from ISD2017, the 26th Information Systems Development conference hosted by the School of Sciences, University of Central Lancashire—Cyprus (UCLan Cyprus), and held in Larnaca, Cyprus on September 6–8, 2017. All accepted conference papers have been published in the AIS eLibrary, which is accessible at <http://aisel.aisnet.org/isd2014/proceedings2017>. This volume contains extended versions of the best papers, as selected by the ISD2017 Proceedings Editors.

The theme of the conference was *Advances in Methods, Tools and Management*. It focused on the latest developments in ISD and particularly on methods and tools used to design, create, and maintain information systems. The ISD2017 conference attracted contributions in the general area of information systems development, as well as in more specialized topics including IS methodologies and modeling,

management of IS development, ISD education, human–computer interaction (HCI) in ISD, cognitive science, and security and privacy in ISD.

ISD2017 focused on these and associated topics in order to promote research into theoretical and methodological issues and ways in which these advances enable better synergies between theory and practice. We believe that the innovative papers assembled in these lecture notes will inform the reader of important contributions in this regard.

Larnaca, Cyprus  
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Melbourne, Australia  
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