

Advances in
INFORMATION SYSTEMS
DEVELOPMENT

*Bridging the
Gap between
Academia and
Industry*

Edited by

Anders G. Nilsson, Remigijus Gustas,
Wita Wojtkowski, W. Gregory Wojtkowski,
Stanisław Wrycza, and Jože Zupančič

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and Industry**

Volume 1

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Preface

This publication is an outcome of the Fourteenth International Conference on Information Systems Development, ISD'2005, held in Karlstad, Sweden during 14-17 August 2005. The theme for the ISD'2005 conference was "Advances in Information Systems Development: Bridging the Gap between Academia and Industry". This conference continues the fine tradition of the first Polish – Scandinavian Seminar on Current Trends in Information Systems Development Methodologies, held in 1988, Gdańsk, Poland. Through the years this seminar has evolved into the "International Conference on Information Systems Development (ISD)" as we know today. This ISD conference compliments the network of general Information Systems conferences, e.g. ICIS, ECIS, AMCIS, PACIS and ACIS.

Information Systems Development (ISD) progresses rapidly, continually creating new challenges for the professionals involved. New concepts, approaches and techniques of systems development emerge constantly in this field. Progress in ISD comes from research as well as from practice. The aim of the Conference is to provide an international forum for the exchange of ideas and experiences between academia and industry, and to stimulate exploration of new solutions. The Conference gives participants an opportunity to express ideas on the current state of the art in information systems development, and to discuss and exchange views about new methods, tools and applications. ISD as our professional and academic discipline has responded to these challenges. As a practice-based discipline, ISD has always promoted a close interaction between theory and practice that has been influential in setting the ISD agenda. This agenda has largely focused on the integration of people, business processes and information technology (IT) together with the context in which this occurs.

The ISD conference provides a meeting point or venue for researchers and practitioners. They are coming from over 30 countries representing all continents in the world. The main objective of the conference is to share scientific knowledge and interests and to establish strong professional ties among the participants. This year, the ISD'2005 conference provided an opportunity to bring participants to the newly established Karlstad University in Sweden. Karlstad University is well known for its multidisciplinary research and education programs as well as the close cooperation with the local industry of the Värmland region. The ISD'2005 conference was organised around seven research tracks. This Springer book of proceedings, published in two volumes, is organised after the following conference tracks including a variety of papers forming separate chapters of the book:

- Co-design of Business and IT
- Communication and Methods
- Human Values of Information Technology
- Service Development and IT
- Requirements Engineering (RE) in the IS Life-Cycle
- Semantic Web Approaches and Applications
- Management and IT (MIT)

Three invited keynote speeches were held during the ISD'2005 conference by very prominent authorities in the field: Prof Göran Goldkuhl, CEO Hans Karlander and Prof Bo Edvardsson. In parallel with the conference we held a practical Workshop for the ISD delegates including presentation of a professional E-portal from the Wermland Chamber of Commerce.

The conference call for papers attracted a high number of good quality contributions. Of the 130 submitted papers we finally accepted 81 for publication, representing an acceptance rate of approximately 60%. In addition we had a pre-conference opportunity for promoting and supporting researchers in their professional careers. The pre-conference comprised 25 papers which are published in separate proceedings from Karlstad University Press. We had a best paper award appointment of four papers from the pre-conference offered to join this Springer book of proceedings. All together we have 89 contributions (88 papers and one abstract) published as chapters in this book. The selection of papers for the whole ISD'2005 conference was based on reviews from the International Program Committee (IPC). All papers were reviewed following a "double blind" procedure by three independent senior academics from IPC. Papers were assessed and ranked from several criteria such as originality, relevance and presentation.

We would like to thank the authors of papers submitted to ISD'2005 conference for their efforts. We would like to express our thanks to all program chairs, track chairs and IPC members for their essential work. We would also like to thank and acknowledge the work of those behind the scenes, especially Niklas Johansson for managing the web-site and submission system MyReview and Jenny Nilsson for all valuable help with editing the papers according to the Springer book template. We are also grateful to Karlstad University in particular to Rector Christina Ullenius, Dean Stephen Hwang and Head of Division Stig Håkangård for their support with resources to be able to make the local arrangements.

Karlstad in August 2005

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