## Contents

### Enterprise Architecture

Current State of Governance Roles in Enterprise Architecture Management Frameworks ........................................... 3

*Matthias Wißotzki, Felix Timm, and Paul Stelzer*

How Enterprise Architecture Maturity Enables Post-Merger IT Integration ......................................................... 16

*Robert Lorenz Törmer and Stefan Henningsson*

The Information Infrastructures Design Space: A Literature Review ................................................................. 31

*Stefan Henningsson, Charikleia Rapti, and Thomas Emil Jensen*

Identifying Quality Factors of Information Systems Integration Design ......................................................... 45

*Iyad Zikra, Janis Stirna, and Jelena Zdravkovic*

### Business Process Management

Hybrid Weaving in Aspect Oriented Business Process Management ............................................................. 63

*Amin Jalali*

Business Processes Modelling Assistance by Recommender Functionalities: A First Evaluation from Potential Users ......................................................... 79

*Michael Fellmann, Novica Zarvić, and Oliver Thomas*

Towards Supporting Business Process Compliance with Policies ............................................................. 93

*Ludmila Penicina*


*Tarik Kraljić and Adnan Kraljić*

### Business Analytics

Navigating in the Land of Data Analytics ................................................................. 125

*Katrina Kronberga, Marite Kirikova, and Daiga Kiopa*

Model for Identification of Politically Exposed Persons ................................................................. 133

*Zane Miltina, Arnis Stasko, Ingars Erins, Janis Grundspenkis, Marite Kirikova, and Girts Kebers*
Changing with Grassroots Business Intelligence at a Large Global Manufacturing Firm. .................................................. 148
  Makoto Nakayama, Sebastian Olbrich, and Norma Sutcliffe

Predicting Data Quality Success - The Bullwhip Effect in Data Quality . . . . 157
  Mouzhi Ge, Tony O’Brien, and Markus Helfert

Information Systems Applications

Short Text Classification of Buyer-Initiated Questions in Online Auctions:
A Score Assigning Method ............................................................... 169
  Yichen Li, Ananth Srinivasan, and Arvind Tripathi

The Anatomy of Digital Trade Infrastructures .................................... 184
  Boriana Rukanova, Helle Zinner Henriksen, Stefan Henningsson, and Yao-Hua Tan

Engaging with Openness Through Common(s) Ground: Healthcare Innovation in the Networked Society ................................. 199
  Mark Aakhus, Pär J. Ågerfalk, Kanika Samra, and Håkan Ozan

Finance Information Systems Usage in Universities in a Developing Country: Implementing Factors and Their Influence on Use ............... 212
  David Kiwana and Björn Johansson

Information Systems Development

Ontology and DSL Co-evolution Using Graph Transformations Methods . . 233
  Boris Ulitin and Eduard Babkin

Evaluation of Capability Delivery Capacity Requirements .................... 248
  Jānis Grabis, Tania González Cardona, and Lauma Jokste

Triple-Agile: Cloud Solutions for SMEs ........................................... 260
  Marite Kirikova and Edgars Salna

Organizational Structures for an Implementation of Virtual Teamwork -
A Case Study Analysis ...................................................................... 268
  Birgit Großer and Ulrike Baumöl

Author Index ....................................................................................... 279
Perspectives in Business Informatics Research
16th International Conference, BIR 2017, Copenhagen, Denmark, August 28–30, 2017, Proceedings
Johannsen, B.; Møller, C.; Chaudhuri, A.; Sudzina, F. (Eds.)
2017, XVIII, 279 p. 75 illus., Softcover
ISBN: 978-3-319-64929-0