

Table of Contents

Invited Talks

The Next Decade of BPM	1
<i>Phil Gilbert</i>	
BPM in Cloud Architectures: Business Process Management with SLAs and Events	5
<i>Vinod Muthusamy and Hans-Arno Jacobsen</i>	
Warning: Don't Assume Your Business Processes Use Master Data	11
<i>Clay Richardson</i>	

BPM in Practice

IT Requirements of Business Process Management in Practice – An Empirical Study	13
<i>Susanne Patig, Vanessa Casanova-Brito, and Barbara Vögeli</i>	
How Novices Model Business Processes	29
<i>Jan Recker, Niz Safrudin, and Michael Rosemann</i>	
BPM in Practice: Who Is Doing What?	45
<i>Hajo A. Reijers, Sander van Wijk, Bela Mutschler, and Maarten Leurs</i>	

Correctness

How to Implement a Theory of Correctness in the Area of Business Processes and Services	61
<i>Niels Lohmann and Karsten Wolf</i>	
Deciding Behaviour Compatibility of Complex Correspondences between Process Models	78
<i>Matthias Weidlich, Remco Dijkman, and Mathias Weske</i>	
Correctness Ensuring Process Configuration: An Approach Based on Partner Synthesis	95
<i>Wil van der Aalst, Niels Lohmann, Marcello La Rosa, and Jingxin Xu</i>	

Design

Impact of Granularity on Adjustment Behavior in Adaptive Reuse of Business Process Models	112
<i>Oliver Holschke</i>	
Machine-Assisted Design of Business Process Models Using Descriptor Space Analysis	128
<i>Maya Lincoln, Mati Golani, and Avigdor Gal</i>	
From Informal Process Diagrams to Formal Process Models	145
<i>Debdoott Mukherjee, Pankaj Dholia, Saurabh Sinha, Aubrey J. Rembert, and Mangala Gowri Nanda</i>	

Distributed Processes

Value-Oriented Coordination Process Modeling	162
<i>Hassan Fatemi, Marten van Sinderen, and Roel Wieringa</i>	
Coordination for Fragmented Loops and Scopes in a Distributed Business Process	178
<i>Rania Khalaf and Frank Leymann</i>	
PAPEL: A Language and Model for Provenance-Aware Policy Definition and Execution	195
<i>Christoph Ringelstein and Steffen Staab</i>	

Mining

A Fresh Look at Precision in Process Conformance	211
<i>Jorge Muñoz-Gama and Josep Carmona</i>	
Trace Alignment in Process Mining: Opportunities for Process Diagnostics	227
<i>R.P. Jagadeesh Chandra Bose and Wil M.P. van der Aalst</i>	
Content-Aware Resolution Sequence Mining for Ticket Routing	243
<i>Peng Sun, Shu Tao, Xifeng Yan, Nikos Anerousis, and Yi Chen</i>	

Semantics

Symbolic Execution of Acyclic Workflow Graphs	260
<i>Cédric Favre and Hagen Völzer</i>	
Structuring Acyclic Process Models	276
<i>Artem Polyvyanyy, Luciano García-Bañuelos, and Marlon Dumas</i>	

A New Semantics for the Inclusive Converging Gateway in Safe Processes	294
<i>Hagen Völzer</i>	
Processes and People	
From People to Services to UI: Distributed Orchestration of User Interfaces	310
<i>Florian Daniel, Stefano Soi, Stefano Tranquillini, Fabio Casati, Chang Heng, and Li Yan</i>	
Self-adjusting Recommendations for People-Driven Ad-Hoc Processes	327
<i>Christoph Dorn, Thomas Burkhardt, Dirk Werth, and Schahram Dustdar</i>	
A Collaborative Approach to Maturing Process-Related Knowledge	343
<i>Hans Friedrich Witschel, Bo Hu, Uwe V. Riss, Barbara Thönssen, Roman Brun, Andreas Martin, and Knut Hinkelmann</i>	
Author Index	359