Contents

Full Papers

Beate Hartmann
Enterprise Architecture as an Instrument of Strategic Control 9

Stephan Aier, Sabine Buckl, Bettina Gleichauf, Florian Matthes, Christian Schweda, Robert Winter
Towards a More Integrated EA Planning: Linking Transformation Planning with Evolutionary Change 23

Agnes Nakakawa, Patrick Van Bommel, Erik Proper
Applying Soft Systems Methodology in Enterprise Architecture Creation Workshops 37

Stefanie Rinderle-Ma, Juergen Mangler
Integration of Process Constraints from Heterogeneous Sources in Process-Aware Information Systems 51

Robin Bergenthum, Jörg Desel, Sebastian Mauser
Workflow Nets with Roles 65

Hanns-Alexander Dietrich, Matthias Steinhorst, Jörg Becker, Patrick Delfmann
Fast Pattern Matching in Conceptual Models – Evaluating and Extending a Generic Approach 79

Ulrich Frank
Some Guidelines for the Conception of Domain-Specific Modelling Languages 93

Bernd Michelberger, Bela Mutschler, Manfred Reichert
Towards Process-oriented Information Logistics: Why Quality Dimensions of Process Information Matter 107

Niels Mueller-Wickop, Martin Schultz, Nick Gehrke, Markus Nüttgens
Towards Automated Financial Process Auditing: Aggregation and Visualization of Process Models 121

Fabian Christ, Benjamin Nagel
A Reference Architecture for Semantic Content Management Systems 135

Mohammed Abujarour, Ahmed Awad
Enriched Service Descriptions Using Business Process Configurations 149

Jonas Repschläger, Stefan Wind, Rüdiger Zarnekow, Klaus Turowski
Developing a Cloud Provider Selection Model 163

Research-in-Progress Papers

Stefan Zugal, Jakob Pinggera, Barbara Weber
Assessing Process Models with Cognitive Psychology 177

Frank Hogrebe, Nick Gehrke, Markus Nüttgens
Eye Tracking Experiments in Business Process Modeling: Agenda Setting and Proof of Concept 183

Kathrin Figl, Barbara Weber
Creative Personality and Business Process Redesign 189

Matthias Wester-Ebbinghaus, Daniel Moldt
Abstractions in Actor and Activity Modeling 195

Sebastian Herwig, Łukasz Lis, Matthias Steinhorst, Jörg Becker, Patrick Delfmann
A Generic Multi-purpose Conceptual Model Analysis Approach – Conceptual Specification and Application 201

André Pflüger, Wolfgang Golubski, Stefan Queins
System Architecture Validation with UML 207

Robert Heinrich, Alexander Kappe, Barbara Paech
Tool Support for the Comprehensive Modeling of Quality Information within Business Process Models 213

Matthias Boehm, Carl Stolze, Oliver Thomas
Understanding IT-Management and IT-Consulting Teaching as Product Service System: Application of an Engineering Model 219

Oliver Kopp, Frank Leymann, Sebastian Wagner
Modeling Choreographies: BPMN 2.0 versus BPEL-based Approaches 225

Michael Fellmann, Oliver Thomas
Process Model Verification with SemQuu 231

Benedikt Martens, Novica Zarvic, Frank Teuteberg, Oliver Thomas
Designing a Risk-based Partner Selection Process for Collaborative Cloud Computing Environments 237

Andreas Zolnowski, Martin Semmann, Tilo Böhmann
Introducing a Co-Creation Perspective to Service Business Models 243