Contents

Execution

Resource Allocation with Dependencies in Business Process Management

Giray Havur, Cristina Cabanillas, Jan Mendling, and Axel Polleres

Parent-Child Relation Between Process Instances

Luise Pufahl and Mathias Weske

A Hybrid Approach for Flexible Case Modeling and Execution

Marcin Hewelt and Mathias Weske

Software Process Performance Improvement Using Data Provenance and Ontology

Gabriella Castro Barbosa Costa, Cláudia M.L. Werner, and Regina Braga

Estimating the Cost for Executing Business Processes in the Cloud

Vincenzo Ferme, Ana Ivanchikj, and Cesare Pautasso

Modeling

Identifying Variability in Process Performance Indicators

Bedilía Estrada-Torres, Adela del-Río-Ortega, Manuel Resinas, and Antonio Ruiz-Cortés

A Checklist-Based Inspection Technique for Business Process Models

Rafael Maiani de Mello, Rebeca Campos Motta, and Guilherme Horta Travassos

Activity Matching with Human Intelligence

Carlos Rodríguez, Christopher Klinkmüller, Ingo Weber, Florian Daniel, and Fabio Casati

Process Model Comparison Based on Cophenetic Distance

David Sánchez-Charles, Victor Muntés-Mulero, Josep Carmona, and Marc Solé
Management

Unlocking the Potential of the Process Perspective in Business Transformation .......................... 161
  Greet Bontinck, Oyku Isik, Joachim Van den Bergh, and Stijn Viaene

Focusing Business Improvements Using Process Mining Based Influence Analysis ........................... 177
  Teemu Lehto, Markku Hinkka, and Jaakko Hollmén

Factors Affecting the Sustained Use of Process Models .......................................................... 193
  Toomas Saarsen and Marlon Dumas

  Adrian Mos and Mario Cortes-Cornax

Author Index ................................................................................................................................ 227