

# Contents

<b>The CAiSE Adventure .....</b>	<b>1</b>
Janis Bubenko, Colette Rolland, and Arne Sølberg	
<b>Evolution of the CAiSE Author Community: A Social Network Analysis.....</b>	<b>15</b>
Matthias Jarke, Manh Cuong Pham, and Ralf Klamma	
<b>A Natural Language Approach for Requirements Engineering .....</b>	<b>35</b>
C. Rolland and C. Proix	
<b>Conceptual Modeling and Natural Language Analysis .....</b>	<b>57</b>
Colette Rolland	
<b>The Three Dimensions of Requirements Engineering .....</b>	<b>63</b>
Klaus Pohl	
<b>The Three Dimensions of Requirements Engineering: 20 Years Later ....</b>	<b>81</b>
Klaus Pohl and Nelufar Ulfat-Bunyadi	
<b>Towards a Deeper Understanding of Quality in Requirements Engineering .....</b>	<b>89</b>
John Krogstie, Odd Ivar Lindland, and Guttorm Sindre	
<b>20 Years of Quality of Models .....</b>	<b>103</b>
John Krogstie, Guttorm Sindre, and Odd Ivar Lindland	
<b>MetaEdit+ A Fully Configurable Multi-User and Multi-Tool CASE and CAME Environment .....</b>	<b>109</b>
Steven Kelly, Kalle Lyytinen, and Matti Rossi	
<b>MetaEdit+ at the Age of 20 .....</b>	<b>131</b>
Steven Kelly, Kalle Lyytinen, Matti Rossi, and Juha Pekka Tolvanen	

<b>OO-METHOD: An OO Software Production Environment Combining Conventional and Formal Methods .....</b>	<b>139</b>
Oscar Pastor, Emilio Insfrán, Vicente Pelechano, José Romero, and José Merseguer	
<b>The Conceptual Model Is The Code. Why Not? .....</b>	<b>153</b>
Oscar Pastor and Vicente Pelechano	
<b>Architecture and Quality in Data Warehouses .....</b>	<b>161</b>
Matthias Jarke, Manfred A. Jeusfeld, Christoph Quix, and Panos Vassiliadis	
<b>Data Warehouse Architecture and Quality: Impact and Open Challenges .....</b>	<b>183</b>
Matthias Jarke, Manfred A. Jeusfeld, Christoph J. Quix, Panos Vassiliadis, and Yannis Vassiliou	
<b>Time Constraints in Workflow Systems .....</b>	<b>191</b>
Johann Eder, Euthimios Panagos, and Michael Rabinovich	
<b>Workflow Time Management Revisited .....</b>	<b>207</b>
Johann Eder, Euthimios Panagos, and Michael Rabinovich	
<b>Adaptive and Dynamic Service Composition in <i>eFlow</i> .....</b>	<b>215</b>
Fabio Casati, Ski Ilnicki, LiJie Jin, Vasudev Krishnamoorthy, and Ming-Chien Shan	
<b>Promises and Failures of Research in Dynamic Service Composition .....</b>	<b>235</b>
Fabio Casati	
<b>On Structured Workflow Modelling .....</b>	<b>241</b>
Bartek Kiepuszewski, Arthur Harry Maria ter Hofstede, and Christoph J. Bussler	
<b>The Structured Phase of Concurrency .....</b>	<b>257</b>
Artem Polyvyanyy and Christoph Bussler	
<b>A Requirements-Driven Development Methodology .....</b>	<b>265</b>
Jaelson Castro, Manuel Kolp, and John Mylopoulos	
<b>The Evolution of Tropos .....</b>	<b>281</b>
John Mylopoulos, Jaelson Castro, and Manuel Kolp	
<b>The P2P Approach to Interorganizational Workflows .....</b>	<b>289</b>
Wil M.P. van der Aalst and Mathias Weske	
<b>Reflections on a Decade of Interorganizational Workflow Research .....</b>	<b>307</b>
Wil M.P. van der Aalst and Mathias Weske	

<b>Database Schema Matching Using Machine Learning with Feature Selection</b> .....	315
Jacob Berlin and Amihai Motro	
<b>Automatch Revisited</b> .....	331
Amihai Motro	
<b>Data Integration under Integrity Constraints</b> .....	335
Andrea Calì, Diego Calvanese, Giuseppe De Giacomo, and Maurizio Lenzerini	
<b>Rewrite and Conquer: Dealing with Integrity Constraints in Data Integration</b> .....	353
Andrea Calì, Diego Calvanese, Giuseppe De Giacomo, and Maurizio Lenzerini	
<b>Automated Reasoning on Feature Models</b> .....	361
David Benavides, Pablo Trinidad, and Antonio Ruiz-Cortés	
<b>Automated Analysis of Stateful Feature Models</b> .....	375
Pablo Trinidad, Antonio Ruiz-Cortés, and David Benavides	
<b>Change Patterns and Change Support Features in Process-Aware Information Systems</b> .....	381
Barbara Weber, Stefanie Rinderle, and Manfred Reichert	
<b>Process Change Patterns: Recent Research, Use Cases, Research Directions</b> .....	397
Manfred Reichert and Barbara Weber	
<b>Measuring Similarity between Business Process Models</b> .....	405
Boudewijn van Dongen, Remco Dijkman, and Jan Mendling	
<b>A Short Survey on Process Model Similarity</b> .....	421
Remco M. Dijkman, Boudewijn F. van Dongen, Marlon Dumas, Luciano García-Bañuelos, Matthias Kunze, Henrik Leopold, Jan Mendling, Reina Uba, Matthias Weidlich, Mathias Weske, and Zhiqiang Yan	
<b>How Much Language Is Enough? Theoretical and Practical Use of the Business Process Modeling Notation</b> .....	429
Michael zur Muehlen and Jan Recker	
<b>We Still Don't Know How Much BPMN Is Enough, But We Are Getting Closer</b> .....	445
Michael zur Muehlen and Jan Recker	
<b>The Future of CAiSE</b> .....	453
John Krogstie, Oscar Pastor, and Barbara Pernici	

Seminal Contributions to Information Systems

Engineering

25 Years of CAiSE

Bubenko, J.; Krogstie, J.; Pastor, Ó.; Pernici, B.; Rolland,  
C.; Sølvsberg, A. (Eds.)

2013, XI, 458 p., Hardcover

ISBN: 978-3-642-36925-4