

Contents

Keynote

The Disciplined Agile Process Decision Framework	3
<i>Scott W. Ambler and Mark Lines</i>	

Software Engineering Processes and Process Modelling

How Scrum Tools May Change Your Agile Software Development Approach	17
<i>Matthias Eckhart and Johannes Feiner</i>	
Towards Business Process Execution Adequacy Criteria	37
<i>Antonia Bertolino, Antonello Calabró, Francesca Lonetti, and Eda Marchetti</i>	
An Experience on Applying Process Mining Techniques to the Tuscan Port Community System	49
<i>Giorgio O. Spagnolo, Eda Marchetti, Alessandro Coco, Paolo Scarpellini, Antonella Querci, Fabrizio Fabbrini, and Stefania Gnesi</i>	

Requirements Engineering

Preventing Incomplete/Hidden Requirements: Reflections on Survey Data from Austria and Brazil	63
<i>Marcos Kalinowski, Michael Felderer, Tayana Conte, Rodrigo Spínola, Rafael Prikladnicki, Dietmar Winkler, Daniel Méndez Fernández, and Stefan Wagner</i>	
An Expert-Based Requirements Effort Estimation Model Using Bayesian Networks	79
<i>Emilia Mendes, Veronica Taquete Vaz, and Fernando Muradas</i>	

Software Architecture

Experiences from Monitoring Effects of Architectural Changes	97
<i>Ulf Askund, Martin Höst, and Krzysztof Wnuk</i>	
Making the Case for Centralized Software Architecture Management.	109
<i>Georg Buchgeher, Rainer Weinreich, and Thomas Kriechbaum</i>	

Software Estimation and Development

Preventing Composition Problems in Modular Java Applications.	125
<i>Kamil Jezek, Lukas Holy, and Jakub Danek</i>	
Deriving Extract Method Refactoring Suggestions for Long Methods	144
<i>Roman Haas and Benjamin Hummel</i>	
The Use of Precision of Software Development Effort Estimates to Communicate Uncertainty	156
<i>Magne Jørgensen</i>	

Software Testing

Web Service Test Evolution	171
<i>Harry M. Sneed</i>	
Integrating a Lightweight Risk Assessment Approach into an Industrial Development Process.	186
<i>Viktor Pekar, Michael Felderer, Ruth Breu, Friederike Nickl, Christian Roßik, and Franz Schwarcz</i>	
Fast Feedback from Automated Tests Executed with the Product Build	199
<i>Martin Eyl, Clements Reichmann, and Klaus Müller-Glaser</i>	

E-Government Applications

Approach of a Signature Based Single Sign on Proxy Solution.	213
<i>Klaus John and Stefan Taber</i>	
Author Index	229

Software Quality. The Future of Systems- and Software Development

8th International Conference, SWQD 2016, Vienna, Austria, January 18-21, 2016, Proceedings

Winkler, D.; Biffi, S.; Bergsmann, J. (Eds.)

2016, XII, 229 p. 57 illus. in color., Softcover

ISBN: 978-3-319-27032-6