

# Contents

<b>Model-Driven Useware Engineering</b> .....	1
<i>Gerrit Meixner, Marc Seissler, and Kai Breiner</i>	
<b>Multi Front-End Engineering</b> .....	27
<i>Goetz Botterweck</i>	
<b>A Design Space for User Interface Composition</b> .....	43
<i>Fabio Paternò, Carmen Santoro, and Davide Spano</i>	
<b>Applying Meta-modeling for the Definition of Model-Driven Development Methods of Advanced User Interfaces</b> .....	67
<i>Stefan Sauer</i>	
<b>Using Storyboards to Integrate Models and Informal Design Knowledge</b> .....	87
<i>Mieke Haesen, Jan Van den Bergh, Jan Meskens, Kris Luyten, Sylvain Degrandart, Serge Demeyer, and Karin Coninx</i>	
<b>Optimized GUI Generation for Small Screens</b> .....	107
<i>David Raneburger, Roman Popp, Sevan Kavaljian, Hermann Kaindl, and Jürgen Falb</i>	
<b>Business Performer-Centered Design of User Interfaces</b> .....	123
<i>Kênia Sousa and Jean Vanderdonckt</i>	
<b>A Formal Model-Based Approach for Designing Interruptions-Tolerant Advanced User Interfaces</b> .....	143
<i>Philippe Palanque, Marco Winckler, and Célia Martinie</i>	
<b>Dynamic Distribution and Layouting of Model-Based User Interfaces in Smart Environments</b> .....	171
<i>Dirk Roscher, Grzegorz Lehmann, Veit Schwartze, Marco Blumendorf, and Sahin Albayrak</i>	

<b>Model-Driven Development of Interactive Multimedia Applications with MML</b> .....	199
<i>Andreas Pleuss and Heinrich Hussmann</i>	
<b>Taking Advantage of Model-Driven Engineering Foundations for Mixed Interaction Design</b> .....	219
<i>Guillaume Gauffre and Emmanuel Dubois</i>	
<b>T:XML: A Tool Supporting User Interface Model Transformation</b> .....	241
<i>Víctor López-Jaquero, Francisco Montero, and Pascual González</i>	
<b>Formalising Interaction Patterns</b> .....	257
<i>Paolo Bottoni, Esther Guerra, and Juan de Lara</i>	
<b>Task Models in the Context of User Interface Development</b> ..	277
<i>Gerd Szwillus</i>	

Model-Driven Development of Advanced User Interfaces

Hussmann, H.; Meixner, G.; Zuehlke, D. (Eds.)

2011, XX, 304 p., Hardcover

ISBN: 978-3-642-14561-2