

Table of Contents

Invited Paper

Data, Context, Situation: On the Usefulness of Semantic Layers for Designing Context-Aware Systems	3
<i>Daniela Nicklas and Nils Koppaetzky</i>	

Papers

Fencing the Lamb: A Chart Parser for ModelCC	21
<i>Luis Quesada, Fernando Berzal, and Francisco J. Cortijo</i>	
Cross-Platform Application Development Using AXIOM as an Agile Model-Driven Approach	36
<i>Xiaoping Jia and Chris Jones</i>	
Rapidly Implementing EMF Applications with EMF Components	52
<i>Lorenzo Bettini</i>	
Generic Programming in Pharo	66
<i>Alexandre Bergel and Lorenzo Bettini</i>	
Peer-to-Peer Remote Service Discovery in Pervasive Computing	80
<i>Stefan D. Bruda, Farzad Salehi, Yasir Malik, and Bessam Abdulrazak</i>	
Model Checking Combined Fragments of Sequence Diagrams	96
<i>Hui Shen, Mark Robinson, and Jianwei Niu</i>	
A Large-Scale Elastic Environment for Scientific Computing	112
<i>Paul Marshall, Henry Tufo, Kate Keahey, David LaBissoniere, and Matthew Woitaszek</i>	
Improving Estimates by Hybridizing CMMI and Requirement Engineering Maturity Models – A LEGO Application	127
<i>Luigi Buglione, Jean Carlo Rossa Hauck, Christiane Gresse von Wangenheim, and Fergal Mc Caffery</i>	
Metamodel Independence in Domain Specific Modeling Languages	140
<i>Jerónimo Irazábal and Claudia Pons</i>	
Service-Oriented Integration of Metamodels' Behavioural Semantics	155
<i>Henning Berg</i>	
Fine-Grained Role- and Attribute-Based Access Control for Web Applications	171
<i>Syed Hossein Ghotbi and Bernd Fischer</i>	