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Collana	Programming and Software Engineering, , 2945-9168 ; ; 9764
Disciplina	004.22
Soggetti	Software engineering Computer science Compilers (Computer programs) Computer networks Electronic data processing - Management Computer programming Software Engineering Computer Science Logic and Foundations of Programming Compilers and Interpreters Computer Communication Networks IT Operations Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Hierarchical Clustering of Metamodels for Comparative Analysis and Visualization -- Advanced Local Checking of Global Consistency in Heterogeneous Multimodeling -- Supporting the Linked Data Approach to Maintain Coherence across Rich EMF Models -- Stress-Testing Centralised Model Stores -- Compositional Language Engineering Using Generated, Extensible, Static Type-Safe Visitors -- Demystifying Ontological Classification in Language Engineering -- Example-based Generation of Graphical Modelling Environments -- UML and Meta-modeling Associations in MDE: A Concern-Oriented, Reusable Solution

-- Automated Metamodel/Model Co-Evolution Using a Multi-Objective Optimization Approach -- Enabling OCL and fUML Integration by Transformation -- Isolating and Reusing Template Instances in UML -- Experience Reports and Case Studies MBF4CR: A Model-Based Framework for Supporting An Automated Cancer Registry System -- Metamodeling vs Metaprogramming: A Case Study on Developing Client Libraries for REST APIs -- Experiences with Model-driven Engineering in Neurorobotics -- Supporting Variability Exploration and Resolution during Model Migration 208 -- Understanding Uncertainty in Cyber-Physical Systems: A Conceptual Model.

Sommario/riassunto

This book constitutes the proceedings of the 12th European Conference on Modelling Foundations and Applications, ECMFA 2016, held as part of STAF 2016, in Vienna, Austria, in July 2016. The 16 papers presented in this volume were carefully reviewed and selected from 47 submissions. The committee decided to accept 16 papers, 12 papers for the Foundations Track and 4 papers for the Applications Track. Papers on a wide range of MBE aspects were accepted, including topics such as multi- and many models, language engineering, UML and meta-modeling, experience reports and case studies, and variability and uncertainty.
