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Collana	Programming and Software Engineering ; ; 9153
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Soggetti	Software engineering Computer logic Programming languages (Electronic computers) Computer communication systems Management information systems Computer science Computer programming Software Engineering Logics and Meanings of Programs Programming Languages, Compilers, Interpreters Computer Communication Networks Management of Computing and Information Systems Programming Techniques
Lingua di pubblicazione	Inglese
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Nota di contenuto	Towards Incremental Updates in Large-Scale Model Indexes -- Energy Consumption Analysis and Design of Energy-aware WSN Agents in fUML -- Reusable Model Interfaces with Instantiation Cardinalities -- A Generative Approach to Define Rich Domain-Specific Trace Metamodels -- On Lightweight Metamodel Extension to Support Modeling Tools Agility -- A Model Management Imperative: Being Graphical is not Sufficient, You Have to be Categorical -- A Model-based Approach for

the Integration of Configuration Fragments -- AspectOCL: An extension to OCL for specifying crosscutting constraints -- Property Access Traces for Source Incremental Model-to-Text Transformation -- A comparison of two-level and multi-level modelling for cloud-based Applications -- Empirical Evaluation of UML Modeling Tools- A Controlled Experiment -- Opening the Black-Box of Model Transformation -- Type Inference in Flexible Model-Driven Engineering.

Sommario/riassunto

This book constitutes the proceedings of the 11th European Conference on Modelling Foundations and Applications, ECMFA 2015, held as part of STAF 2015, in L'Aquila, Italy, in July 2015. The 13 papers presented in this volume were carefully reviewed and selected from 54 submissions. The committee decided to accept 13 papers, 9 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 aspect-oriented modeling, model management, model transformation, advanced meta-modeling, UML modeling tools, and domain-specific modeling w.r.t. energy consumption and cloud-based systems.
