

1. Record Nr.	UNINA9911047695403321
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Titolo	Model-Based Software and Systems Engineering : 12th International Conference, MODELSWARD 2024, Rome, Italy, February 21–23, 2024, Revised Selected Papers / / edited by Francisco José Domínguez Mayo, Luís Ferreira Pires, Edwin Seidewitz
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2026
ISBN	3-031-96841-7
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (351 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2547
Altri autori (Persone)	Ferreira PiresLuís SeidewitzEdwin
Disciplina	005.12
Soggetti	Software engineering Computer systems Artificial intelligence Software Engineering Computer System Implementation Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Methodologies, Processes and Platforms. -- A Framework for Comparative Analysis of News Content: A Model-Based Approach. -- Analyzing Side-Tracking of Developers Using Object-Centric Process Mining. -- Enhancing Scenario-Based Modeling Using Large Language Models. -- Model-Driven Development of Chatbot Microservices. -- DynaTool: A Tool for Optimizing Hybrid Software Process. -- Modeling Languages, Tools and Architectures. -- Specifying, Analysing and Implementing Decision-Support System Architectures. -- An Approach for the Comparative Evaluation of RequirementsFormalisation Approaches. -- A Pluggable Type Checker for Representing Kinds of Quantities. -- Model-Driven Engineering for Data Provenance: A Graphical W3C PROV Modeling Tool. -- LLM as a Code Generator in Agile Model Driven Development. -- A Modeling Framework for Hardware-Software Systems with Machine Learning Components. --

Code Generation for Smart Contracts in Enterprise Application Integration. -- Deploying Machine Learning for Automatic Metamodel Instance Generation.

Sommario/riassunto

This volume constitutes the revised selected papers of 12th International Conference on Model-Driven Engineering and Software Development, MODELSWARD 2024, in Rome, Italy, during February 21–23, 2024. The 7 full papers and 6 short papers included in this book were carefully reviewed and selected from 47 submissions. The papers are categorized under the topical sections as follows: Methodologies, Processes and Platforms; Modeling Languages, Tools and Architectures.