

1. Record Nr.	UNINA9910847084803321
Titolo	Requirements Engineering: Foundation for Software Quality : 30th International Working Conference, REFSQ 2024, Winterthur, Switzerland, April 8–11, 2024, Proceedings // edited by Daniel Mendez, Ana Moreira
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031573279 3031573277
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (363 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14588
Disciplina	005.10685
Soggetti	Software engineering Education - Data processing Application software Machine learning Natural language processing (Computer science) Software Engineering Computers and Education Computer and Information Systems Applications Machine Learning Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Quality models for Requirements Engineering -- How Explainable is Your System? Towards a Quality Model for Explainability -- Identifying relevant Factors of Requirements Quality: an industrial Case Study -- Quality Requirements -- Assessing the Understandability of Attack-Defense Trees for Modelling Security Requirements: an Experimental Investigation -- Learning to Rank Privacy Design Patterns: A Semantic Approach to Meeting Privacy Requirements -- A New Usability Inspection Method: Experience-based Analysis -- Governance-focused Classification of Security and Privacy Requirements from Obligations in Software Engineering Contracts -- Explainability with and in

Requirements Engineering -- What Impact do my Preferences Have? A Framework for Explanation-Based Elicitation of Quality Objectives for Robotic Mission Planning -- Candidate Solutions for Defining Explainability Requirements of AI Systems -- Artificial Intelligence for Requirements Engineering -- Opportunities and Limitations of AI in Human-Centered Design - A Research Preview -- A Tertiary Study on AI for Requirements Engineering -- Exploring LLMs' ability to detect variability in requirements -- Natural Language Processing for Requirements Engineering -- Designing NLP-based solutions for requirements variability management: experiences from a design science study at Visma -- Natural2CTL: A Dataset for Natural Language Requirements and their CTL Formal Equivalents -- Requirements Engineering for Artificial Intelligence -- Towards a Comprehensive Ontology for Requirements Engineering for AI-powered Systems -- Operationalizing Machine Learning Using Requirements-Grounded MLOps -- Crowd-based Requirements Engineering -- Unveiling Competition Dynamics in Mobile App Markets through User Reviews -- Exploring the Automatic Classification of Usage Information in Feedback -- Channeling the Voice of the Crowd: Applying Structured Queries in User Feedback Collection -- Emerging Topics and Challenges in Requirements Engineering -- Requirements Information in Backlog Items: Content Analysis -- Requirements Engineering for No-Code Development (RE4NCD): A Case Study of Rapid Application Development during War -- Behavior-Driven Specification in Practice: An Experience Report -- The Return of Formal Requirements Engineering in the Era of Large Language Models.

Sommario/riassunto

This book constitutes the refereed proceedings of the 30th International Working Conference on Requirements Engineering: Foundation for Software Quality, REFSQ 2024, held in Winterthur, Switzerland, during April 8–12, 2024. The 14 full papers and 8 short papers included in this book were carefully reviewed and selected from 59 submissions. They are organized in topical sections as follows: quality models for requirements engineering; quality requirements; explainability with and in requirements engineering; artificial intelligence for requirements engineering; natural language processing for requirements engineering; requirements engineering for artificial intelligence; crowd-based requirements engineering; and emerging topics and challenges in requirements engineering.
