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	Soggetti	Software engineering
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		Artificial intelligence
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		Software Engineering
		Software Testing
		Artificial Intelligence
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	Nota di contenuto	Keynote -- Why Digitalization Will Kill Your Company Too -- Model-Based Software Testing -- Model-Based Test Design in SysML for System Requirements Verification and Validation (Full Paper) -- Effective Black Box Testing of Sentiment Analysis Classification Networks (Short Paper) -- Machine Learning and Large Language Models -- Automating Invariant Filtering: Leveraging LLMs to Streamline Test Oracle Generation (Full Paper) -- Advanced Detection of Source Code Clones via an Ensemble of Unsupervised Similarity Measures (Full Paper) -- Security and Compliance -- Trusted Provenance with Blockchain Technology: A Systematic Literature Review (Short Paper) -- Academic-Industry Collaborations -- Experiences Applying Lean R&D in Industry-Academia Collaboration Projects (Full Paper).

Sommario/riassunto

This book constitutes the refereed proceedings of the 17th Software Quality Days Conference, SWQD 2025, held in Munich, Germany, during May 20-22, 2025. The Software Quality Days (SWQD) conference started in 2009 and has grown to the biggest conference on software quality in Europe. The program of the SWQD conference is designed to encompass a stimulating mixture of practical presentations and new research topics in scientific presentations. The guiding conference topic of the SWQD 2025 is "Software Quality, Balancing Software Innovation and Regulatory Compliance". The 4 full papers and 2 short papers presented in this volume were carefully reviewed and selected from 14 submissions. The papers were organized in topical sections as follows: Keynote; Model-Based Software Testing; Machine Learning and Large Language Models; Security and Compliance; and Academic-Industry Collaborations. In addition, the scientific keynote to SWQD is also inlcuded.