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Nota di contenuto	Industry Challenges and Collaborations -- Together we are stronger: Evidence-Based Reflections on Industry-Academia Collaboration in Software Testing -- Challenges in Testing Big Data Systems - An Exploratory Survey -- Software Testing Approaches -- Selecting and Prioritizing Regression Test Suites by Production Usage Risk in Time-Constrained Environments -- An Evaluation of Test Suite Minimization Techniques -- Social Aspects in Software Engineering -- Soft Competencies and Satisfaction Levels for Software Engineers: A Unified framework -- Natural Language Processing -- Semantic Similarities in Natural Language Requirements -- Software Quality Assurance Concepts -- On Identifying Similarities in Git Commit Trends - A Comparison Between Clustering and SimSAX -- Code Reviews, Software Inspections, and Code Walkthroughs: Systematic Mapping Study of Research Topics -- Optimising Analytical Software Quality Assurance. .

This book constitutes the refereed proceedings of the 12th Software Quality Days Conference, SWQD 2020, held in Vienna, Austria, in January 2020. The Software Quality Days (SWQD) conference started in 2009 and has grown to the biggest conference on software quality in Europe with a strong community. 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 2020 is “Quality Intelligence in Software and Systems Engineering”. The 5 full papers and 2 short papers presented in this volume were carefully reviewed and selected from 17 submissions. The volume also contains 2 invited talks. The contributions were organized in topical sections named: industry challenges and collaborations; software testing approaches; social aspects in software engineering; natural language processing; and software quality assurance concepts. .
