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Nota di contenuto	Part: Keynote -- Software Quality Assurance by Static Program Analysis -- Part: Software Process Improvement and Measurement -- An Industry Ready Defect Causal Analysis Approach Exploring Bayesian Networks -- Business Intelligence in Software Quality Monitoring: Experiences and Lessons Learnt from an Industrial Case Study (Short Paper) -- Dealing with Technical Debt in Agile Development Projects (Short Paper) -- Part: Requirements Management -- Statistical Analysis of Requirements Prioritization for Transition to Web Technologies: A Case Study in an Electric Power Organization -- Challenges and Solutions in Global Requirements Engineering -- A Literature Survey (Short Paper) -- Automated Feature Identification in Web Applications (Short Paper) -- Part: Value-Based Software Engineering -- Value-Based Migration of Legacy Data Structures -- Part: Software and Systems Testing -- An Integrated Analysis and Testing Methodology to Support Model-Based Quality Assurance -- Effects of Test-Driven

Development: A Comparative Analysis of Empirical Studies (Short Paper)  
-- Isolated Testing of Software Components in Distributed Software Systems (Short Paper) -- Part: Automation-Supported Testing -- Automated Test Generation for Java Generics (Short Paper) -- Constraint-Based Automated Generation of Test Data (Short Paper) -- Part: Quality Assurance and Collaboration -- RUP Alignment and Coverage Analysis of CMMI ML2 Process Areas for the Context of Software Projects Execution (Short Paper) -- Directing High-Performing Software Teams: Proposal of a Capability-Based Assessment Instrument Approach (Short Paper).

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Sommario/riassunto

This book constitutes the refereed proceedings of the 6th Software Quality Days Conference (SWQD) held in Vienna, Austria, in January 2014. This professional symposium and conference offers a range of comprehensive and valuable opportunities for advanced professional training, new ideas and networking with a series of keynote speeches, professional lectures, exhibits and tutorials. The four scientific full papers accepted for SWQD were each peer reviewed by three or more reviewers and selected out of 24 high-quality submissions. Further, one keynote and ten short papers on promising research directions were also presented and included in order to spark discussions between researchers and practitioners. The papers are organized into topical sections on software process improvement and measurement, requirements management, value-based software engineering, software and systems testing, automation-supported testing and quality assurance and collaboration.

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