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Nota di contenuto	-- SPI and Emerging and Multidisciplinary Approaches to Software Engineering -- Generative IT Products – be generic to become generative to handle fit for use. -- Explainable AI for SW Development and Testing. -- Baseline Evaluation of LLM-Facilitated UI Test-Case

Generation from Gherkin Specifications. -- Hype to Quality: Assessing Generative AI Products Before Use. -- Trustworthy Artificial Intelligence in Healthcare: a proposed framework. -- Current AI-based Software Engineering, Strengths and weaknesses - Results from a MLR. -- Toward the implementation of DevOps: a guide of tools, practices and activities. -- Inner source, outer source, low code, and no code: Pros, Cons and Contexts - Results from an MLR. -- Benchmarking AI-Facilitated UI Test-Script Generation: A Reproducible Evaluation Framework. -- A Review of Estimation in Software Engineering. -- Programming language selection in software engineering: Results from an adapted MLR focused on Go, Haskell, Python and Rust. -- SPI and Standards and Safety and Security Norms. -- A Process Assessment Model for AI-enabled Medical Device Software. -- Advancing Risk Management Processes for Automotive Machine Learning Applications: Optimizing A-SPICE® v4.0 with ISO23894 for Safe and Reliable Deployment. -- Automatic assessment of corporate sustainability due diligence process capability and CS3D compliance. -- Regulatory Compliance-aware System Change Management via an Ontology-based Approach. -- Electromechanic for Development of Embedded Systems. -- Strengthen Process Debt Identification through Process Assessment Standards. -- A Review of AI Life Cycle-related Standards to Address AI-enabled Medical Device Development. -- Interpretations of Automotive SPICE Generic Practices on Level 2. -- Evaluation of IEC 61508 Defenses for Common Cause Failures in Railway Industry. -- Interfaces between Quality Assurance and ASPICE Assessment and Improvement. -- SPI and Functional Safety and Cybersecurity. -- Cybersecurity vulnerabilities management for small and medium enterprises. -- Security and safety interrelationships in the V2X context A brief comparison of typical techniques and requirements of standards. -- Efficiency boosters for the successful execution of functional safety. -- Enhancing Automotive TARA: The Role of Attacker Motivation in Attack Feasibility Levels. -- Multi-Layer non-project-based TARA. -- Updated Experiences with Using ASPICE 4.0 for Safety Audits and Interfacing Safety Assessments.

Sommario/riassunto

The two-volume set CCIS 2657 + 2658 constitutes the refereed proceedings of the 32nd European Conference on Systems, Software and Services Process Improvement, EuroSPI 2025, held in Riga, Latvia, during September 17-19, 2025. The 42 papers included in these proceedings were carefully reviewed and selected from 72 submissions. They were organized in topical sections as follows: Part I: SPI and Emerging and Multidisciplinary Approaches to Software Engineering; SPI and Standards and Safety and Security Norms; SPI and Functional Safety and Cybersecurity. Part II: Sustainability and Life Cycle Challenges; SPI and Recent Innovations; Digitalisation of Industry, Infrastructure and E-Mobility; SPI and Agile. .