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   Nota di contenuto   Poster -- Metrics for Code Smells of ML Pipelines -- Tutorial --
                       Declarative Process Mining for Software Processes: the RuM toolkit and
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                       Intelligence and Software Engineering (CISE 2023) -- MaREA: Multi-
                       class Random Forest for Automotive Intrusion Detection -- Forecasting

The Developer's Impact in Managing the Technical Debt -- Development of a Desktop Application to Enable Doctors to Remotely Monitor Patients' Hematological Parameters -- The significance of classical simulations in the adoption of quantum technologies for software development -- Enhancing Bug-Fixing Time Prediction with LSTM-Based Approach -- Enhancing Code Obfuscation Techniques: Exploring the Impact of Artificial Intelligence on Malware Detection -- A perspective on the interplay between 5G and quantum computing for secure algorithm -- Speech Therapy supported by AI and smart assistants -- 2nd Workshop on Engineering Processes and Practices for Quantum Software (PPQS' 23) -- Integration of Classical and Quantum Services Using an Enterprise Service Bus -- Problem decomposition to leverage quantum computing for optimization problems -- Quantum Algorithm Cards: Streamlining the development of hybrid classical-quantum applications -- Doctoral Symposium -- Simulation-Based Safety Testing of Automated Driving Systems -- Utilization of Machine Learning for the detection of self-admitted vulnerabilities -- Closing the Loop: Towards a Complete Metamorphic Testing Pipeline.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 24th International Conference on Product-Focused Software Process Improvement, PROFES 2023, which took place in Dornbirn, Austria, in December 2023. The 21 full technical papers, 6 industrial papers, 8 short papers and 1 poster paper were carefully reviewed and selected from 82 submissions. The book also contains one tutorial paper, 11 workshop papers and 3 doctoral symposium papers. The contributions were organized in topical sections as follows: Part I: Software development and project management; machine learning and data science; software analysis and tools; software testing and quality assurance; security, vulnerabilities, and human factors; Part II: Posters; Tutorials; 2nd Workshop on Computational Intelligence and Software Engineering (CISE 2023); 2nd Workshop on Engineering Processes and Practices for Quantum Software (PPQS' 23); doctoral symposium. |