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Nota di contenuto	Regular Contributions -- ACoRe: Automated Goal-Conflict Resolution -- Nazareno Aguirre, Yves Le Traon and Mike Papadakis A Modeling Concept for Formal Verification of OS-Based Compositional Software -- Guldstrand Larsen and Marcel Baunach Compositional Automata Learning of Synchronous Systems -- Front-end JavaScript -- Democratizing Quality-Based Machine Learning Development through Extended Feature Models -- Efficient Bounded Exhaustive Input Generation from Program APIs -- Feature-Guided Analysis of Neural Networks -- JavaBIP meets VerCors: Towards the Safety of Concurrent Software Systems in Java -- Model-based Player Experience Testing with Emotion Pattern Verification -- Opportunistic Monitoring of Multithreaded Programs -- Parallel Program Analysis via Range Splitting -- Wehrheim Runtime Enforcement Using Knowledge Bases -- Specification and Validation of Normative Rules for Autonomous Agents -- Towards Log Slicing -- VAMOS: Middleware for Best-Effort Third-Party Monitoring -- Yet Another Model! A Study on Model's Similarities for Defect and Code Smells -- Competition Contributions -- Software Testing: 5th Comparative Evaluation: Test-Comp 2023 -- FuSeBMC IA: Interval Analysis and Methods for Test-Case Generation.

This open access book constitutes the proceedings of the 26th International Conference on Fundamental Approaches to Software Engineering, FASE 2023, which was held during April 22-27, 2023, in Paris, France, as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2023. The 12 regular papers presented in this volume were carefully reviewed and selected from 50 submissions. The proceedings also contain 2 tool papers, 2 NIER papers, and 2 competition papers from the Test-Comp Competition. The papers deal with the foundations on which software engineering is built, including topics like software engineering as an engineering discipline, requirements engineering, software architectures, software quality, model-driven development, software processes, software evolution, AI-based software engineering, and the specification, design, and implementation of particular classes of systems, such as (self-) adaptive, collaborative, AI, embedded, distributed, mobile, pervasive, cyber-physical, or service-oriented applications. .

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