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Nota di contenuto	-- Tools & Demos. -- DiSpel Cockpit: Specification, Verification, and Refinement of Resilience Scenarios. -- OAS2Tree: Visual API-First Design. -- A Multi-variant Benchmark for Microservice Systems in Software Engineering Research. -- Semantics Enhancing Model Transformation for Automated Constraint Validation of Palladio Software Architecture to MontiArc Models. -- Extending a low-code tool with multi-cloud deployment capabilities. -- Doctoral Symposium. -- Reference Architecture of MLOps Workflows. -- Evaluating the

effect of Team ownership of Microservices. .-Technical Debt and Software Quality in Cloud-Native Applications. -- Improving QoS of Microservices Architecture Using Machine Learning Techniques. -- Workshops and Tutorials. -- CASA Workshop -- Designing, Implementing, and Testing AI-Oriented Smart Home Applications: Challenges and Best Practices. -- Party without a cake? Onto an inter-modal HitchHike logistics platform for passengers and products transportation. -- Development of blockchain network for quality and product safety control information system - a case study. -- QUALIFIER Workshop. -- Mapping source code to software architecture by leveraging Large Language Models. -- Mining for sustainability in cloud architecture among the discussions of software practitioners: building a dataset. -- Positive Side-Effects of Evaluating a Software Architecture.

Sommario/riassunto

This book constitutes the refereed proceedings of the tracks and workshops which complemented the 18th European Conference on Software Architecture. ECSA 2024 Tracks and Workshops, ECSA 2024, held in Luxembourg City, Luxembourg, during September 3–6, 2024. The 6 full papers and 9 short papers presented here were carefully reviewed and selected from 26 submissions. They were organized in topical sections such as Tools & Demos and Doctoral Symposium tracks of the main conference. In addition, it contains the proceedings of the two workshops: 7th Context-Aware, Autonomous and Smart Architectures International Workshop (CASA7th Context-Aware, Autonomous and Smart Architectures International Workshop (CASA) The 3rd International Workshop on Quality in Software Architecture (QUALIFIER).
