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Collana	Programming and Software Engineering ; ; 6418
Disciplina	005.1
Soggetti	Software engineering Algorithms Computer logic Computer programming Programming languages (Electronic computers) Software Engineering/Programming and Operating Systems Software Engineering Algorithm Analysis and Problem Complexity Logics and Meanings of Programs Programming Techniques Programming Languages, Compilers, Interpreters
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Automatic Requirement Extraction from Test Cases -- Code Contracts for .NET: Runtime Verification and So Much More -- Visual Debugging for Stream Processing Applications -- Runtime Verification in Context: Can Optimizing Error Detection Improve Fault Diagnosis? -- Contracts for Scala -- Runtime Analysis and Instrumentation for Securing Software -- Tutorials -- Run-Time

Verification of Networked Software -- Clara: Partially Evaluating Runtime Monitors at Compile Time -- You Should Better Enforce Than Verify -- Runtime Verification for the Web -- Statistical Model Checking: An Overview -- Runtime Verification with the RV System -- Regular and Short Papers -- A Meta-Aspect Protocol for Developing Dynamic Analyses -- Behavior Abstraction in Malware Analysis -- Clara: A Framework for Partially Evaluating Finite-State Runtime Monitors Ahead of Time -- Checking the Correspondence between UML Models and Implementation -- Compensation-Aware Runtime Monitoring -- Recovery Tasks: An Automated Approach to Failure Recovery -- Formally Efficient Program Instrumentation -- Interval Analysis for Concurrent Trace Programs Using Transaction Sequence Graphs -- Causality Analysis in Contract Violation -- Reducing Configurations to Monitor in a Software Product Line -- Runtime Instrumentation for Precise Flow-Sensitive Type Analysis -- Trace Recording for Embedded Systems: Lessons Learned from Five Industrial Projects -- Verification of an AFDX Infrastructure Using Simulations and Probabilities -- Copilot: A Hard Real-Time Runtime Monitor -- StealthWorks: Emulating Memory Errors -- Efficient Data Race Detection for Async-Finish Parallelism -- Run-Time Verification of Optimistic Concurrency -- Who Guards the Guardians? — Toward V&V of Health Management Software -- Aspect-Oriented Instrumentation with GCC -- Runtime Verification for Software Transactional Memories -- Optimized Temporal Monitors for SystemC -- Runtime Verification of Stochastic, Faulty Systems -- Low-Overhead Bug Fingerprinting for Fast Debugging -- Tool Demonstrations -- ESAT: A Tool for Animating Logic-Based Specifications of Evolvable Component Systems -- A Tool Which Mines Partial Execution Traces to Improve Static Analysis -- LarvaStat: Monitoring of Statistical Properties -- WS-PSC Monitor: A Tool Chain for Monitoring Temporal and Timing Properties in Composite Service Based on Property Sequence Chart.

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