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Collana	Programming and Software Engineering ; ; 5543
Disciplina	005.1
Soggetti	Software engineering Computer simulation Computers Algorithms Computer programming Software Engineering/Programming and Operating Systems Software Engineering Simulation and Modeling Models and Principles Algorithm Analysis and Problem Complexity Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This volume contains papers presented at the International Conference on Software Process (ICSP 2009) held in Vancouver, Canada, during May 16-17, 2009. ICSP 2009 was the third conference of the ICSP series, continuing the software process workshops from 25 years ago. The theme of ICSP 2009 was "Processes to Develop Trustworthy Software.""
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- System Engineering in the Energy and Maritime Sectors: Towards a Solution Based on Model-Centric Processes -- Decision Processes for Trustworthy Software -- Synthesis, Analysis, and Modeling of Large-Scale Mission-Critical Embedded Software Systems -- Process Management -- Statistically Based Process Monitoring: Lessons from the Trench -- The How? When? and What? for the Process

of Re-planning for Product Releases -- Overcoming the First Hurdle: Why Organizations Do Not Adopt CMMI -- Value-Based Multiple Software Projects Scheduling with Genetic Algorithm -- Process Tools -- Meta Model Based Architecture for Software Process Instantiation -- Distributed Orchestration Versus Choreography: The FOCAS Approach -- An Architecture for Modeling and Applying Quality Processes on Evolving Software -- Process Analysis -- Evaluating the Perceived Effect of Software Engineering Practices in the Italian Industry -- Evidence-Based Insights about Issue Management Processes: An Exploratory Study -- Process Aspect: Handling Crosscutting Concerns during Software Process Improvement -- Stochastic Process Algebra Based Software Process Simulation Modeling -- Process Simulation Modeling -- Combining Aspect and Model-Driven Engineering Approaches for Software Process Modeling and Execution -- Dynamic COQUALMO: Defect Profiling over Development Cycles -- A Hybrid Model for Dynamic Simulation of Custom Software Projects in a Multiproject Environment -- On the Relative Merits of Software Reuse -- Investigating the Gap between Quantitative and Qualitative/Semi-quantitative Software Process Simulation Models: An Explorative Study -- Experience Report -- Bridge the Gap between Software Test Process and Business Value: A Case Study -- Subcontracting Processes in Software Service Organisations - An Experience Report -- On Reducing the Pre-release Failures of Web Plug-In on Social Networking Site -- Technical Software Development Process in the XML Domain -- Process Metrics -- Software Product Quality: Ensuring a Common Goal -- Predicting Upgrade Project Defects Based on Enhancement Requirements: An Empirical Study -- Process Modeling and Representation -- Incremental Process Modeling through Stakeholder-Based Hybrid Process Simulation -- A Process-Oriented Approach for the Optimal Satisficing of Non-Functional Requirements -- A Pattern for Modeling Rework in Software Development Processes -- Achieving On-Time Delivery: A Two-Stage Probabilistic Scheduling Strategy for Software Projects -- Incrementally Introducing Process Model Rationale Support in an Organization -- A Process for Driving Process Improvement in VSEs -- Modeling Software Evolution with Game Theory -- Structural Considerations in Defining Executable Process Models -- Analyzing a Software Process Model Repository for Understanding Model Evolution -- Process Trustworthiness as a Capability Indicator for Measuring and Improving Software Trustworthiness -- A System Dynamics Model That Simulates a Significant Late Life Cycle Manpower Increase Phenomenon.

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### Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Conference on Software Process, held in Vancouver, Canada, in May 2009 - colocated with ICSE 2009, the 31st International Conference on Software Engineering. The 33 revised full papers presented together with 3 invited papers were carefully reviewed and selected from 96 submissions. The papers are organized in topical sections on process management, process tools, process analysis, process simulation modeling, experience report, process metrics, and process modeling and representation.

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