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Nota di contenuto	Invited Talk -- Benefits of Global Software Development: The Known and Unknown -- Method Engineering: Towards Methods as Services -- Process Management -- Macro-processes Informing Micro-processes: The Case of Software Project Performance -- Improving Software Risk Management Practices in a Medical Device Company -- Framework to Evaluate Software Process Improvement in Small Organizations -- On Deriving Actions for Improving Cost Overrun by Applying Association Rule Mining to Industrial Project Repository -- Software Multi-project Resource Scheduling: A Comparative Analysis -- Project Assets Ontology (PAO) to Support Gap Analysis for Organization Process Improvement Based on CMMI v.1.2 -- Process Content -- Towards Individualized Requirements Specification Evolution for Networked Software Based on Aspect -- Requirement-Centric Traceability for Change Impact Analysis: A Case Study -- Scaling Up Software Architecture Evaluation Processes -- Process Tools and Metrics -- Software Project Similarity Measurement Based on Fuzzy C-Means -- An Empirically-Based Process to Improve the Practice of Requirement Review -- Capability Assessment of Individual Software Development Processes Using Software Repositories and DEA -- Process Representation, Analysis and Modeling -- Scoping Software Process

Models - Initial Concepts and Experience from Defining Space Standards -- Detection of Consistent Patterns from Process Enactment Data -- A Deviation Management System for Handling Software Process Enactment Evolution -- Assessing Quality Processes with ODC COQUALMO -- Accurate Estimates without Calibration? -- Investigating Factors Affecting the Usability of Software Process Descriptions -- Degree of Agility in Pre-Implementation Process Phases -- Support IT Service Management with Process Modeling and Analysis -- The Secret Life of a Process Description: A Look into the Evolution of a Large Process Model -- Simulation Modeling -- Simulating Worst Case Scenarios and Analyzing Their Combined Effect in Operational Release Planning -- Using Process Simulation to Assess the Test Design Effort Reduction of a Model-Based Testing Approach -- GENSIM 2.0: A Customizable Process Simulation Model for Software Process Evaluation -- RVSim: A Simulation Approach to Predict the Impact of Requirements Volatility on Software Project Plans -- Identifying Key Success Factors for Globally Distributed Software Development Project Using Simulation: A Case Study -- Hybrid Modeling of Test-and-Fix Processes in Incremental Development -- Reflections on 10 Years of Software Process Simulation Modeling: A Systematic Review -- Experience Report -- Integrating Joint Reviews with Automotive SPICE Assessments Results -- Quantitatively Managing Defects for Iterative Projects: An Industrial Experience Report in China -- An Investigation of Software Development Productivity in China -- Optimized Software Process for Fault Handling in Global Software Development -- Measuring and Comparing the Adoption of Software Process Practices in the Software Product Industry.

Sommario/riassunto

This volume contains papers presented at the International Conference on Software Process (ICSP 2008) held in Leipzig, Germany, during May 10-11, 2008. ICSP 2008 was the second conference of the ICSP series. The theme of ICSP 2008 was "Making Globally Distributed Software Development a Success Story." Software developers work in a dynamic context of frequently changing technologies and with limited resources. Globally distributed development teams are under ever-increasing pressure to deliver their products more quickly and with higher levels of quality. At the same time, global competition is forcing software development organizations to cut costs by rationalizing processes, outsourcing part of or all development activities, reusing existing software in new or modified applications, and evolving existing systems to meet new needs, while still minimizing the risk of projects failing to deliver. To address these difficulties, new and modified processes are emerging, including agile methods and plan-based product line development. Open Source, COTS, and community-developed software are becoming more and more popular. Outsourcing coupled with 24/7 development demands well-defined processes to support the coordination of organizationally—and geographically—separated teams. The accepted papers present completed research or advanced work-in-progress in all areas of software and systems development process including: agile software processes, CMMI, novel techniques for software process representation and analysis; process tools and metrics; and the simulation and modeling of software processes. Contributions reflecting real-world experience, or derived directly from industrial or open-source software development and evolution, were particularly welcome.
