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| | Note generali | "ICSP 2007 comprised two ... workshops, the International Workshop on Software Process Simulation and Modeling (ProSim) and the Software Process Workshop (SWP)"--Pref. |
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| | Nota di contenuto | Process Content -- Extending Microsoft Team Foundation Server Architecture to Support Collaborative Product Patterns -- The REMIS Approach for Rationale-Driven Process Model Evolution -- On the Measurement of Agility in Software Process -- Coping with the Cone of Uncertainty: An Empirical Study of the SAIV Process Model -- Effects of Architecture and Technical Development Process on Micro-process -- Process Tools and Metrics -- Comparative Experiences with Electronic Process Guide Generator Tools -- Jasmine: A PSP Supporting Tool -- A Tool to Create Process-Agents for OEC-SPM from Historical Project Data -- Process Management -- Safety Critical Software Process Improvement by Multi-objective Optimization Algorithms -- Representing Process Variation with a Process Family -- An Algebraic Approach for Managing Inconsistencies in Software Processes, -- Process Representation, Analysis and Modeling -- Cost Estimation and Analysis for Government Contract Pricing in China -- A Multilateral Negotiation Method for Software Process Modeling -- Distributed Global Development Parametric Cost Modeling -- Process Mining Framework for Software Processes -- Focused Identification of Process Model Changes -- An Approach for Decentralized Process Modeling -- |

Experience Report -- A Survey of Software Development with Open Source Components in Chinese Software Industry -- Empirical Study on Benchmarking Software Development Tasks -- An Empirical Study on Establishing Quantitative Management Model for Testing Process -- Simulation Modeling -- DynaReP: A Discrete Event Simulation Model for Re-planning of Software Releases -- The Economic Impact of Software Process Variations -- Deriving a Valid Process Simulation from Real World Experiences -- Project Delay Variability Simulation in Software Product Line Development -- Modeling Risk-Benefit Assumptions in Technology Substitution -- Evaluating the Impact of the QuARS Requirements Analysis Tool Using Simulation -- A Framework for Adopting Software Process Simulation in CMMI Organizations -- Achieving Software Project Success: A Semi-quantitative Approach.

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| Sommario/riassunto | This volume contains papers presented at the International Conference on Software Process (ICSP 2007) held in Minneapolis, USA, May 19-20, 2007. ICSP 2007 c- prised two successful series of process-related workshops, the International Workshop on Software Process Simulation and Modeling (ProSim) and the Software Process Workshop (SPW). The theme of ICSP 2007 was "Coping with Software Process Dynamics and Ag- ity. " Software developers work in a dynamic context of frequently changing te- nologies and 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 or all of their 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 or modified processes are emerging, including agile methods and plan-based product line development. Open source, COTS and community-developed software are becoming more popular. Outsourcing coupled with 24/7 development demand well-defined processes to support the - ordination of organizationally and geographically separated teams. The increasing challenges faced by the software industry combine to increase - mands on software processes. ICSP 2007 was a continuation of two successful series of process-related wo- shops, ProSim (Software Process Simulation and Modeling Workshop) and SPW (Software Process Workshop). |