

1. Record Nr.	UNISA996465870303316
Titolo	New Modeling Concepts for Today's Software Processes [[electronic resource] ] : International Conference on Software Process, ICSP 2010, Paderborn, Germany, July 8-9, 2010. Proceedings // edited by Jürgen Münch, Ye Yang, Wilhelm Schäfer
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38790-4 9786613565822 3-642-14347-4
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XIV, 382 p. 133 illus.)
Collana	Programming and Software Engineering ; ; 6195
Disciplina	005.1
Soggetti	Software engineering Computer logic Programming languages (Electronic computers) Computer communication systems Computer programming Software Engineering/Programming and Operating Systems Software Engineering Logics and Meanings of Programs Programming Languages, Compilers, Interpreters Computer Communication Networks Programming Techniques Paderborn <2010>
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 Talk -- A Risk-Driven Decision Table for Software Process Selection -- Process Alignment -- Using Process Definitions to Support Reasoning about Satisfaction of Process Requirements -- Early Empirical Assessment of the Practical Value of GQM+Strategies -- Determining Organization-Specific Process Suitability -- On Scoping Stakeholders and Artifacts in Software Process -- Critical Success

Factors for Rapid, Innovative Solutions -- Process Management -- Evidence-Based Software Processes -- SoS Management Strategy Impacts on SoS Engineering Effort -- Using Project Procedure Diagrams for Milestone Planning -- A Framework for the Flexible Instantiation of Large Scale Software Process Tailoring -- A Methodological Framework and Software Infrastructure for the Construction of Software Production Methods -- Software Factories: Describing the Assembly Process -- How to Welcome Software Process Improvement and Avoid Resistance to Change -- Process Models -- The Incremental Commitment Model Process Patterns for Rapid-Fielding Projects -- A Repository of Agile Method Fragments -- OAP: Toward a Process for an Open World -- An Automatic Approach to Aid Process Integration within a Secure Software Processes Family -- Engineering Adaptive IT Service Support Processes Using Meta-modeling Technologies -- Modeling a Resource-Constrained Test-and-Fix Cycle and Test Phase Duration -- Process Representation -- Visual Patterns in Issue Tracking Data -- Disruption-Driven Resource Rescheduling in Software Development Processes -- MODAL: A SPEM Extension to Improve Co-design Process Models -- Process Analysis and Measurement -- Application of Re-estimation in Re-planning of Software Product Releases -- Software Process Model Blueprints -- Measurement and Analysis of Process Audit: A Case Study -- A Fuzzy-Based Method for Evaluating the Trustworthiness of Software Processes -- Process Simulation Modeling -- Software Process Simulation Modeling: An Extended Systematic Review -- SimSWE – A Library of Reusable Components for Software Process Simulation -- Applications of a Generic Work-Test-Rework Component for Software Process Simulation -- Experience Reports and Empirical Studies -- An Empirical Study of Lead-Times in Incremental and Agile Software Development -- Improving the ROI of Software Quality Assurance Activities: An Empirical Study -- Benchmarking the Customer Configuration Updating Process of the International Product Software Industry.

---

### Sommario/riassunto

2010 was the first time that the International Conference on Software Process was held autonomously and not co-located with a larger conference. This was a special challenge and we are glad that the conference gained a lot of attention, a significant number of contributions and many highly interested participants from industry and academia. This volume contains the papers presented at ICSP 2010 held in Paderborn, Germany, during July 8-9, 2010. ICSP 2010 was the fourth conference of the ICSP series. The conference provided a forum for researchers and industrial practitioners to - change new research results, experiences, and findings in the area of software and system process modeling and management. The increasing distribution of development activities, new development paradigms such as cloud computing, new classes of systems such as cyber-physical systems, and short technology cycles are currently driving forces for the software domain. They require appropriate answers with respect to process models and management, suitable modeling concepts, and an understanding of the effects of the processes in specific environments and domains. Many papers in the proceedings address these issues.

---