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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 3281
Disciplina	005.1
Soggetti	Software engineering Management information systems Computer science Computers and civilization Software Engineering/Programming and Operating Systems Software Engineering Management of Computing and Information Systems Computers and Society
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	On-Site Customer in an XP Project: Empirical Results from a Case Study -- Extreme Programming: Reassessing the Requirements Management Process for an Offsite Customer -- Global Software Development Project Management – Distance Overcoming -- Towards Comprehensive Experience-Based Decision Support -- Discovering the Relation Between Project Factors and Project Success in Post-mortem Evaluations -- Serious Insights Through Fun Software-Projects -- Software Process Improvement in Small and Medium Sized Software Enterprises in Eastern Finland: A State-of-the-Practice Study -- An Experimental Replica to Validate a Set of Metrics for Software Process Models -- Using Measurement Data in a TSPSM Project -- Software Thinking Improvement Learning Performance Improving Lessons -- The Adoption of an Electronic Process Guide in a Company with Voluntary

Use -- Knowledge Mapping: A Technique for Identifying Knowledge Flows in Software Organisations -- Determining the Improvement Potential of a Software Development Organization Through Fault Analysis: A Method and a Case Study -- Root Cause Analysis and Gap Analysis – A Tale of Two Methods -- Empirical Evaluation of Two Requirements Prioritization Methods in Product Development Projects -- Project Effort Estimation: Or, When Size Makes a Difference -- A Comparison of Size Estimation Techniques Applied Early in the Life Cycle -- Model and Process for Timely Progress Reporting in Use Case Driven Software Development.

Sommario/riassunto

This was the first year that the European Software Process Improvement Conference – EuroSPI – had a separate research track with its own proceedings. The EuroSPI conference is in its eleventh year, and has become the main meeting place in Europe for the software industry and academia to discuss software process improvement. The conference deals with software process improvement in a broad sense, investigating organizational issues as well as methods and tools for software process improvement. Euro SPI is an initiative financed by a consortium of Nordic research centers and user networks (SINTEF, DELTA and STTF), ASQF, a German quality assurance association, and ISCN in Ireland, the coordinating network partner. The research papers describe innovative and significant work in software process improvement, which is relevant to the software industry. The papers are readable for a scientific and industrial audience, and support claims with appropriately described evidence or references to relevant literature. Thirty-one papers were submitted in this year's research track, and each paper was sent to three or four members of the program committee or additional reviewers. Papers were evaluated according to originality, significance of the contribution, quality of the written and graphical presentation, research method applied, and appropriateness of comparison to relevant research and literature. Almost 100 reviews were received and 18 papers were selected for presentation in the research track, giving a rejection rate of 42%. Many high-quality submissions had to be rejected because of limited space in the conference program. The selected papers cover a wide area in software process improvement, from - proving agile development methods, techniques for software process improvement, and knowledge management in software companies to effort estimation and global software development.
