

1. Record Nr.	UNISA996465578603316
Titolo	Product-Focused Software Process Improvement [[electronic resource] ] : 11th International Conference, PROFES 2010, Limerick, Ireland, June 21-23, 2010, Proceedings / / edited by Muhammad Ali Babar, Matias Vierimaa, Markku Oivo
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38737-8 9786613565297 3-642-13792-X
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XIII, 410 p. 115 illus.)
Collana	Programming and Software Engineering ; ; 6156
Disciplina	005.1
Soggetti	Software engineering Management information systems Computer science Computers and civilization Application software Computer simulation Software Engineering/Programming and Operating Systems Software Engineering Management of Computing and Information Systems Computers and Society Computer Appl. in Administrative Data Processing Simulation and Modeling Limerick <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	Keynote Addresses -- Mobile Privacy Requirements on Demand -- Lean Development - Potentials, Principles and Practices -- Software Quality Assurance I -- A Qualitative Survey of Regression Testing Practices -- Investigating the Temporal Behavior of Defect Detection in Software Inspection and Inspection-Based Testing -- Analysis of Bug Fixing

Processes Using Program Slicing Metrics -- Agile Software Development -- Systematic Piloting of Agile Methods in the Large: Two Cases in Embedded Systems Development -- Optimized Feature Distribution in Distributed Agile Environments -- Approaches to Agile Adoption in Large Settings: A Comparison of the Results from a Literature Analysis and an Industrial Inventory -- Software Quality Assurance II -- Applying DPPI: A Defect Causal Analysis Approach Using Bayesian Networks -- Evaluating Three Approaches to Extracting Fault Data from Software Change Repositories -- Regularities in Learning Defect Predictors -- Software Business -- Business Value Is Not Only Dollars – Results from Case Study Research on Agile Software Projects -- Critical Success Factors for Offshore Software Development Outsourcing Vendors: An Empirical Study -- Impact of Corporate and Organic Growth on Software Development -- Software Systems -- Prioritizing Countermeasures through the Countermeasure Method for Software Security (CM-Sec) -- Feedback in Context: Supporting the Evolution of IT-Ecosystems -- Comparing Agile Processes for Agent Oriented Software Engineering -- Standardizing the Software Tag in Japan for Transparency of Development -- Process Quality I -- Discovering Software Process and Product Quality Criteria in Software as a Service -- A Maturity Model for IT Dependability in Emergency Management -- Dependency Analysis between CMMI Process Areas -- Software Measurement -- Productivity Reanalysis for Unbalanced Datasets with Mixed-Effects Models -- SAS: A Tool for the GQM+Strategies Grid Derivation Process -- Understanding the Influential Factors to Development Effort in Chinese Software Industry -- Process Quality II -- Lean Management of Software Processes and Factories Using Business Process Modeling Techniques -- Improving Efficiency of Change Impact Assessment Using Graphical Requirement Specifications: An Experiment -- Vague Project Start Makes Project Success of Outsourced Software Development Projects Uncertain -- Software Process Improvement -- The Rosetta Stone Methodology – A Benefits Driven Approach to Software Process Improvement -- Defining and Monitoring Strategically Aligned Software Improvement Goals -- A Strategy for Painless Harmonization of Quality Standards: A Real Case.

---

## Sommario/riassunto

On behalf of the PROFES Organizing Committee we are proud to present the proceedings of the 11 International Conference on Product-Focused Software Process Improvement (PROFES 2010), held in Limerick, Ireland. Since the first conference in 1999 the conference has established its place in the software engineering community as a respected conference that brings together participants from academia and industry. The roots of PROFES are in professional software process improvement motivated by product and service quality needs. The conference addresses both the solutions found in practice as well as relevant research results from academia. To ensure that PROFES retains its high quality and focus on the most relevant research issues, the conference has actively maintained close collaboration with industry and subsequently widened its scope to the research areas of collaborative and agile software development. The main themes of this year's conference were "Agile and Lean Processes" and "Engineering Service-Oriented Systems." These two main themes enabled us to cover the contemporary software development demands and trends in a comprehensive manner and to tackle the most important current challenges identified by the software industry and software research community—namely, the shift of focus from "products" to "services." The technical program featured invited talks, research papers, and experience reports on the most relevant topics related to processes for developing software-intensive services and products. In addition, a

number of workshops and tutorials were hosted.

---