1.	Record Nr.	UNINA9910767576803321
	Titolo	Product Focused Software Process Improvement : Third International Conference, PROFES 2001, Kaiserslautern, Germany, September 10-13, 2001. Proceedings / / edited by Frank Bomarius, Seija Komi-Sirviö
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
	ISBN	3-540-44813-6
	Edizione	[1st ed. 2001.]
	Descrizione fisica	1 online resource (XII, 388 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2188
	Disciplina	005.1
	Soggetti	Software engineering
		Application software
		Management information systems
		Computer science
		Computers and civilization
		Information technology
		Business—Data processing
		Software Engineering/Programming and Operating Systems
		Computer Applications
		Software Engineering
		Management of Computing and Information Systems
		Computers and Society
		IT in Business
	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 at the end of each chapters and index.
	Nota di contenuto	Keynote Address -- Guaranteed Software Quality -- Building an Experience Base for Software Engineering: A Report on the First CeBASE eWorkshop -- A Contingency Approach to Software Development -- Career-Long Education for Software Professionals: A US View of the Educational Challenges in a Rapidly-Changing Technology -- Quality of Software -- Cognitive Structures of Software Evaluation: A Means-End Chain Analysis of Quality -- Requirements Evolution From Process to

Product Oriented Management -- Software Process Assessment and Improvement -- A Case Study on Scenario-based Process Flexibility Assessment for Risk Reduction -- Contexts of KM Based SPI: The Case of Software Design Experience Reuse -- Models and Success Factors of Process Change -- Process Improvement in Turbulent Times — Is CMM Still an Answer? -- Assessment of Maintenance Maturity in IT Departments of Public Entities: Two Case Studies -- Evaluating a Usability Capability Assessment -- Organizational Learning and Experience Factory -- Building an Experience Base for Software Engineering: A Report on the First CeBASE eWorkshop -- Experience Magnets Attracting Experiences, Not Just Storing Them -- Improving Knowledge Management in Software Reuse Process -- Processes and Knowledge Management: A Symbiosis -- Augmenting Experience Reports with Lightweight Postmortem Reviews -- A Tool for Managing Software Development Knowledge -- Industrial Experiences and Case Studies -- Starting Improvement of Requirements Engineering Processes: An Experience Report -- A Family-Oriented Software Development Process for Engine Controllers -- Enabling Local SPI in a Multi-National Company -- Project Improvement as Start-up -- Software and Process Modeling -- LIPE:A Lightweight Process for E-Business Startup Companies Based on Extreme Programming -- Evaluation of the E3 Process Modelling Language and Tool for the Purpose of Model Creation -- Describing Fractal Processes with UML -- Extending the Software Process Culture - An Approach Based on Groupware and Workflow -- Towards Systematic Knowledge Elicitation for Descriptive Software Process Modeling -- Modular Process Patterns Supporting an Evolutionary Software Development Process -- Empirical Software Engineering -- A Classification Scheme for Studies on Fault-Prone Components -- Program Understanding Behavior During Estimation of Enhancement Effort on Small Java Programs -- Evaluation of a Business Application Framework Using Complexity and Functionality Metrics.

Sommario/riassunto	The Third International Conference on Product Focused Software Process Improvement (PROFES 2001) continued the success of the PROFES'99 and PROFES 2000 conferences. PROFES 2001 was organized in Kaiserslautern, Germany, September 10 13, 2001. The PROFES conference has its roots in the PROFES Esprit project (http://www.ele. vtt.fi/profes/), but it quickly evolved into a full fledged general purpose conference in 1999 and since then it has gained wide spread international popularity. As in previous years, the main theme of PROFES 2001 was professional software process improvement (SPI) motivated by product and service quality needs. SPI is facilitated by software process assessment, software measurement, process modeling, and technology transfer and has become a practical tool for quality software engineering and management. The conference addresses both the solutions found in practice as well as relevant research results from academia. The purpose of the conference is to bring to light the most recent findings and results in the area and to stimulate discussion between the researchers, experienced professionals, and technology providers for SPI.