

1. Record Nr.	UNINA9910484718503321
Titolo	Software Process and Product Measurement : International Conference, IWSM–MENSURA 2007, Palma de Mallorca, Spain, November 5-8, 2007, Revised Papers // edited by Juan J. Cuadrado-Gallego, René Braungarten, Reiner R. Dumke, Alain Abran
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-85553-X
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (X, 203 p.)
Collana	Programming and Software Engineering ; ; 4895
Disciplina	004
Soggetti	Software engineering Management information systems Computer science Software Engineering/Programming and Operating Systems Software Engineering Management of Computing and Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"International Workshop on Software Measurement (IWSM) ... International Conference on Software Measurement (Mensura) ... IWSM-Mensura 2007 ... the first edition of the joint conference post-proceedings"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Improving the Quality of Information for Software Project Management -- Software Cost Estimation Models Using Radial Basis Function Neural Networks -- Towards an Early Usability Evaluation for Web Applications -- An Empirical Study of Process and Product Metrics Based on In-process Measurements of a Standardized Requirements Definition Phase -- Preliminary Results in a Multi-site Empirical Study on Cross-Organizational ERP Size and Effort Estimation -- Do Base Functional Component Types Affect the Relationship between Software Functional Size and Effort? -- Experiences on Using Software Experiments in the Validation of Industrial Research Questions -- How to Measure Agile Software Development -- Assessment of Software Process and Metrics to Support Quantitative Understanding -- Developing and Applying a Consolidated Evaluation Framework to Analyze Test Process

Improvement Approaches -- Using Controlled Experiments for Validating UML Statechart Diagrams Measures -- Adapting the COSMIC Method for Evaluating the Functional Size in PRiM -- Implementing Software Measurement Programs in Non Mature Small Settings -- Non-Functional Requirements Size Measurement Method (NFSM) with COSMIC-FFP -- Assessment of Real-Time Software Specifications Quality Using COSMIC-FFP -- Analysis of Software Functional Size Databases.

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the International Workshop on Software Measurement, IWSM-Mensura 2007, held in Palma de Mallorca, Spain, in November 2007. The 16 revised full papers presented were carefully reviewed and selected for inclusion in the book. The papers deal with aspects of software measurement like function-points measurement, effort and cost estimates, prediction, industrial experiences in software measurement, planning and implementing measurement, measurement-based software process improvement, best practices in software measurement, usability and user interaction measurement, measurement of open source projects, teaching and learning software measurement as well as new trends and ontologies for software measurement.
