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Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Session A1 – Estimation Models I -- Project Sizing and Estimating: A Case Study Using PSU, IFPUG and COSMIC -- Proposals for Increasing Benchmarking Data Quantity and Quality of Projects Measured in COSMIC -- Session B1 – Measurement Methodology I -- Quality-Driven Orchestration of Services -- Applying Six Sigma in the Field of Software Engineering -- Session C1 – Effort Estimation -- First Steps towards Validating a Cost-Benefit Model of Reviews and Tests -- Field Study: Influence of Different Specification Formats on the Use Case Point Method -- Session A2 – Measurement Programs -- Software Measurement @ Siemens – A Practical Approach Allows Best Practice Sharing of Various Organizations -- Measurement Support for Effective Supplier Management -- Session B2 – New Approaches -- Measuring Distances for Ontology-Based Systems -- Challenges in Evaluating SOA

Test Processes -- Criteria to Compare Cloud Computing with Current Database Technology -- Session C2 – Process Assessment -- Comparison of Process Quality Characteristics Based on Change Request Data -- Assessment of Business Process Modeling Tools under Consideration of Business Process Management Activities -- Session A3 – Size Measurement -- The Impact of Individual Assumptions on Functional Size Measurement -- Measurement of Functional Size in Conceptual Models: A Survey of Measurement Procedures Based on COSMIC -- Session B3 – Education -- Evaluation Aspects for a Sustainable Integration of e-Learning within the Software Engineering (Case Study) -- Session A4 – Estimation Models II -- How to Use COSMIC Functional Size in Effort Estimation Models? -- Uncertainty in ERP Effort Estimation: A Challenge or an Asset? -- The Influence of Culture and Leadership on Cost Estimation -- Session B4 – Measurement in SoftwareLifecycle -- Portfolio Control – When the Numbers Really Count -- Defining Suitable Criteria for Quality Gates -- An Empirical Study of Product Measurement in a Standardized Requirement Definition Process with 28 Japanese Government Software Projects -- Session A5 – Product Measurement -- Measuring 75 Million Lines of Code -- Improving Quality of Functional Requirements by Measuring Their Functional Size -- Implementing Software Project Control Centers: An Architectural View -- Session B5 – Measurement Methodology II -- Towards a Comprehensive Approach for Assessing Open Source Projects -- Analysing Bug Prediction Capabilities of Static Code Metrics in Open Source Software -- Measuring the Impact of Different Categories of Software Evolution -- Using PSU for Early Prediction of COSMIC Size of Functional and Non-functional Requirements.

Sommario/riassunto

This book constitutes the refereed proceedings of three joint events - the International Workshop on Software Measurement, IWSM 2008, the DASMA Metrik Kongress, Metrikon 2008, and the International Conference on Software Process and Product Measurement, Mensura 2008, held in Munich, Germany, in November 2008. The 30 revised full papers presented were carefully reviewed and selected from over 50 submissions for inclusion in the book. The papers are organized in topical sections on estimation models, measurement methodology, effort estimation, measurement programs, new approaches, prozessbewertung, size measurement, education, measurement in software lifecycle, and product measurement.
