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Collana	Lecture Notes in Business Information Processing, , 1865-1356 ; ; 275
Disciplina	658.4038
Soggetti	Application software Business information services Information technology - Management Software engineering Computer and Information Systems Applications Enterprise Architecture Business Process Management Computer Application in Administrative Data Processing Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Principles of Semantically Integrated Conceptual Modelling Method -- Applying NOMIS - Modelling Information Systems using a Human Centred Approach -- Why Plan? -- Assessing Business Processes by Checking Transaction Documents for Inconsistency Risks and A Tool for Risk Assessment -- Sensitive Business Processes Representation: A Multi-Dimensional Comparative Analysis of Business Process Modeling Formalisms -- Classification and Definition of an Enterprise Architecture Analyses Language -- A Framework for Visualization of Changes of Enterprise Architecture -- Towards a thorough evaluation framework of Software Tools Suitable for Small and Medium size Enterprises focusing on Modelling and Simulating Business Processes -- Microflows: Automated Planning and Enactment of Dynamic Workflows Comprising Semantically-Annotated Microservices.-Software

Sommario/riassunto

This book contains revised and extended versions of selected papers from the Sixth International Symposium on Business Modeling and Software Design, BMSD 2016, held in Rhodes, Greece, in June 2016, organized by the Institute IICREST in cooperation with BPM-D, Aristotle University of Thessaloniki, TU Delft, CTIT - University of Twente, IMI-BAS, the Dutch Research School SIKS, and AMAKOTA Ltd. BMSD 2016 received 59 paper submissions from which 27 papers were selected for publication in the BMSD'16 proceedings. Additional post-symposium reviewing was carried out reflecting both the qualities of the papers and the way they were presented. 11 best papers were selected for the current Springer edition, that were carefully revised and extended, following the reviewers' comments and recommendations. The selection considers a large number of BMSD-relevant research topics: from business-processes-related topics, such as business process management, variability of business processes, and inconsistencies risk detection, (here it is to be mentioned that several papers consider and analyze particular business process modeling formalisms and tools), through system-engineering-related topics, such as conceptual modeling, enterprise architectures, human-centered design, signs modeling, and idiosyncrasies capturing, to service-oriented-software-engineering-related topics, such as service orchestration and e-services design.
