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Nota di contenuto	BPMDS 2017: Non-functional Considerations in Business Processes -- Towards a Data-driven Framework for Measuring Process Performance -- Supporting Secure Business Process Design via Security Process Patterns -- NFC-based Task Enactment for Automatic Documentation of Treatment Processes. -New Challenges in Business Process Modeling and Support. -Discovering Social Networks Instantly:Moving Process Mining Computations to the Database and Data Entry Time -- Re-evaluation of Decisions based on Events -- Requirements Framework for Batch Processing in Business Processes. - Testing Business

Processes -- Performance Comparison Between BPMN 2.0 Workow Management Systems Versions -- BPMN-based Model-Driven Testing of Service-based Processes -- Business Process Model Comprehension. -Cognitive Insights into Business Process Model Comprehension: Preliminary Results for Experienced and Inexperienced Individuals -- Eye Tracking Experiments on Process Model Comprehension: Lessons Learned -- An Experience Report on Teaching Business Process Modeling. -Teaching and Learning State-Oriented Business Process Modeling. Experience Report -- EMMSAD 2017: Evaluation and Comparison of Modeling Languages and Methods. -On the Requirement from Practice for Meaningful Variability in Visual Notation -- Balanced Scorecard for Method Improvement: Approach and Experiences -- Modeling Exchange Agreements with DEMO/PSI and Core Component of Communication -- Modeling Approaches to Support Decision Making. -Towards a Decision-Support System for Selecting the Appropriate Business Process Modeling Formalism: A Context-Aware Roadmap. - Designing a Decision-making Process for Partially Observable Environments using Markov Theory.-Know-how Mapping - A Goal-Oriented Approach and Evaluation. -Behavioral speci_cation and business process modeling -- Controlled Experiment in Business Model-driven Conceptual Database Design -- Incorporating Data Inaccuracy Considerations in Process Models -- Structured Behavioral Programming Idioms -- Modelling Languages and Methods in Evolving Context. -A Security Requirements Modelling Language to Secure Cloud Computing Environments. -On Valuation of Smart Grid Architectures: An Enterprise Engineering Perspective.

Sommario/riassunto

This book constitutes the proceedings of two events held in conjunction with the CAiSE conferences and related to the areas of enterprise, business-process and information systems modeling: the 18th International Conference on Business Process Modeling, Development and Support, BPMDS 2017, and the 22nd International Conference on Evaluation and Modeling Methods for Systems Analysis and Development, EMMSAD, 2017. They took place in Essen, Germany, in June 2017. The focus theme for BPMDS 2017 papers was "Enabling Business Transformation by Business Process Modeling, Development and Support". From 24 submitted papers, 11 were finally accepted and organized by: Non-functional considerations in business processes; new challenges in business process modeling and support; testing business processes; business process model comprehension; an experience report on teaching business process modeling. The EMMSAD conference focuses on evaluating, exploring and enhancing modeling methods and techniques for the development of information and software systems, enterprises, and business processes. It received 25 submissions, from which 9 full and 2 short papers were selected and organized: evaluation and comparison of modeling languages and methods; modeling approaches to support decision making; behavioral specification and business process modeling; and modeling languages and methods in evolving context. .
