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Nota di contenuto	1st International Workshop on Enterprise Modeling (ENMO14) -- Preface to ENMO 2014 -- Model Based Enterprise Simulation and Analysis: A Pragmatic Approach Reducing the Burden on Experts -- 3D vs. 4D Ontologies in Enterprise Modeling -- Applications of Ontologies in Enterprise Modelling: A Systematic Mapping Study -- 2nd International Workshop on Modeling and Management of Big Data (MoBiD14) -- Preface to MoBiD 2014 -- Extracting Value from Big Data -- A Semi-clustering Scheme for High Performance PageRank on Hadoop -- Energy Consumption Prediction by Using an Integrated Multidimensional Modeling Approach and Data Mining Techniques with

Big Data -- Benchmarking Performance for Migrating a Relational Application to a Parallel Implementation -- A Data Quality in Use Model for Big Data -- Business Intelligence and Big Data in the Cloud: Opportunities for Design-Science Researchers -- From Business Intelligence to Semantic Data Stream Management -- 1st International Workshop on Conceptual Modeling -- in Requirements and Business Analysis (MReBA14) -- Preface to MReBA 2014 -- Understandability of Goal Concepts by Requirements Engineering Experts -- On the Definition of Self-service Systems -- Semantic Monitoring and Compensation in Socio-technical Processes -- Modeling Regulatory Compliance in Requirements Engineering -- Automated Completeness Check in KAOS -- Practical Goal Modeling for Enterprise Change Context: A Problem Statement -- 1st International Workshop on Quality of Models and Models of Quality (QMMQ14) -- Preface to QMMQ 2014 -- A Superstructure for Models of Quality -- A Quality Management Workflow Proposal for a Biodiversity Data Repository -- Applying a Data Quality Model to Experiments in Software Engineering -- Towards Indicators for HCI Quality Evaluation Support.-8th International Workshop on Semantic and Conceptual Issues in GIS (SeCoGIS14) -- Preface to SeCoGIS 2014 -- Towards a Qualitative Representation of Movement -- Lagrangian Xgraphs: A Logical Data-Model for Spatio-Temporal Network Data: A Summary -- Efficient Reverse kNN Query Algorithm on Road Network Distances Using Partitioned Subgraphs -- Using the Model-Driven Architecture Approach for Geospatial Databases Design of Ecological Niches and Potential Distributions -- OMT-G Designer: A Web Tool for Modeling Geographic Databases in OMT-G -- A Model of Aggregate Operations for Data Analytics over Spatiotemporal Object -- 11th International Workshop on Web Information Systems Modeling (WISM14) -- Preface to WISM 2014 -- Natural Language Processing for Linking Online News and Open Government Data -- Enterprise Linked Data: A Systematic Mapping Study -- Ontology Population from Web Product Information -- Service Adaptability Analysis across Semantics and Behavior Levels Based on Model Transformation -- Prioritizing Consumer-Centric NFPs in Service Selection -- ER'14 Demonstrations -- Personal eHealth Knowledge Spaces through Models, Agents and Semantics -- Lightweight Semantic Prototyper for Conceptual Modeling -- SQTime: Time-Enhanced Social Search Querying.

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## Sommario/riassunto

This book constitutes the refereed proceedings of workshops, held at the 33rd International Conference on Conceptual Modeling, ER 2014, in Atlanta, GA, USA in October 2014. The 24 revised full and 6 short papers were carefully reviewed and selected out of 59 submissions and are presented together with 4 demonstrations. The papers are organized in sections related to the individual workshops: the First International Workshop on Enterprise Modeling, ENMO 2014; the Second International Workshop on Modeling and Management of Big Data, MoBiD 2014; the First International Workshop on Conceptual Modeling in Requirements and Business Analysis, MReBA 2014; the First International Workshop on Quality of Models and Models of Quality, QMMQ 2014; the 8th International Workshop on Semantic and Conceptual Issues in GIS, SeCoGIS 2014; and the 11th International Workshop on Web Information Systems Modeling, WISM 2014. The contributions cover a variety of topics in conceptual modeling, including requirements and enterprise modeling, modeling of big data, spatial conceptual modeling, exploring the quality of models, and issues specific to the design of web information systems.

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