

1. Record Nr.	UNINA9910767582003321
Titolo	Advances in Conceptual Modeling - Theory and Practice : ER 2006 Workshops BP-UML, CoMoGIS, COSS, ECDM, OIS, QoIS, SemWAT, Tucson, AZ, USA, November 6-9, 2006, Proceedings // edited by John F. Roddick, Richard Benjamins, Samira Si-Said Cherfi, Roger Chiang, Ramez Elmasri, Hyoil Han, Martin Hepp, Miltiadis Lystras, Vojislav Misis, Geert Poels, Il-Yeol Song, Christelle Vangenot
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-47704-7
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XX, 460 p.)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 4231
Altri autori (Persone)	RoddickJohn F
Disciplina	005.74
Soggetti	Data structures (Computer science) Information theory Application software Database management Information storage and retrieval systems Artificial intelligence Earth sciences Data Structures and Information Theory Computer and Information Systems Applications Database Management Information Storage and Retrieval Artificial Intelligence Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	ER 2006 Tutorials -- Conceptual Modeling for Emerging Web Application Technologies -- State-of-the-Art in Modeling and Deployment of Electronic Contracts -- ER 2006 Workshops -- Preface to BP-UML 2006 -- Extending the UML 2 Activity Diagram with Business Process Goals and Performance Measures and the Mapping to

BPEL -- UN/CEFACT'S Modeling Methodology (UMM): A UML Profile for B2B e-Commerce -- Capturing Security Requirements in Business Processes Through a UML 2.0 Activity Diagrams Profile -- Finite State History Modeling and Its Precise UML-Based Semantics -- A UML Profile for Modeling Schema Mappings -- Model to Text Transformation in Practice: Generating Code from Rich Associations Specifications -- CoMoGIS 2006 - 3rd International Workshop on Conceptual Modeling for Geographic Information Systems -- Preface for CoMoGIS 2006 -- Keynote -- Large-Scale Earth Science Services: A Case for Databases -- Spatial and Spatio-temporal Data Representation -- Time-Aggregated Graphs for Modeling Spatio-temporal Networks -- An ISO TC 211 Conformant Approach to Model Spatial Integrity Constraints in the Conceptual Design of Geographical Databases -- Access Control in Geographic Databases -- Optimizing Representation and Access to Spatial Data -- VTPR-Tree: An Efficient Indexing Method for Moving Objects with Frequent Updates -- New Query Processing Algorithms for Range and k-NN Search in Spatial Network Databases -- A ONCE-Updating Approach on Moving Objects -- Spatio-temporal Data on the Web -- A Progressive Transmission Scheme for Vector Maps in Low-Bandwidth Environments Based on Device Rendering -- Map2Share -- A System Exploiting Metadata to Share Geographical Information -- CoSS 2006 - International Workshop on Conceptual Modeling of Service-Oriented Software Systems -- Preface for CoSS 2006.-Building Semantic Web Services Based on a Model Driven Web Engineering Method -- Choreographies as Federations of Choreographies and Orchestrations -- Designing Web Services for Supporting User Tasks: A Model Driven Approach -- Designing Service-Based Applications: Teaching the Old Dogs New Tricks ...or Is It the Other Way Around? -- ECDM 2006 - 4th International Workshop on Evolution and Change in Data Management -- Preface for ECDM 2006 -- Keynote -- Reduce, Reuse, Recycle : Practical Approaches to Schema Integration, Evolution and Versioning -- Accepted Papers -- A DAG Comparison Algorithm and Its Application to Temporal Data Warehousing -- Handling Changes of Database Schemas and Corresponding Ontologies -- Evolving the Implementation of ISA Relationships in EER Schemas -- Schema Change Operations for Versioning Complex Objects Hierarchy in OODBs -- Representing Versions in XML Documents Using Versionstamp -- OIS 2006 - 1st International Workshop on Ontologizing Industrial Standards -- Preface for OIS 2006 -- Accepted Papers -- XBRL Taxonomies and OWL Ontologies for Investment Funds -- A Semantic Transformation Approach for ISO 15926 -- Modeling Considerations for Product Ontology -- Ontologizing EDI Semantics -- WSDL RDF Mapping: Developing Ontologies from Standardized XML Languages -- QoIS 2006 - 2nd International Workshop on Quality of Information Systems -- Preface for QoIS 2006 -- to QoIS06 -- Information Quality, System Quality and Information System Effectiveness: Introduction to QoIS'06 -- Information System Quality -- Quality-Driven Automatic Transformation of Object-Oriented Navigational Models -- HIQM: A Methodology for Information Quality Monitoring, Measurement, and Improvement -- Evaluating the Productivity and Reproducibility of a Measurement Procedure -- Data Quality -- Quality of Material Master Data and Its Effect on the Usefulness of Distributed ERP Systems -- Towards Automatic Evaluation of Learning Object Metadata Quality -- Expressing and Processing Timeliness Quality Aware Queries: The DQ2L Approach -- SemWAT 2006 - 1st International Workshop on Semantic Web Applications: Theory and Practice -- Preface for SemWAT 2006 -- Semantic Web Applications (I) -- Combining Declarative and Procedural

Knowledge to Automate and Represent Ontology Mapping -- Visual Ontology Alignment for Semantic Web Applications -- Automatic Creation of Web Services from Extraction Ontologies -- Semantic Web Applications (II) -- An Architecture for Emergent Semantics -- Semantic Web Techniques for Personalization of eGovernment Services -- Query Graph Model for SPARQL.

---

**Sommario/riassunto**

This book constitutes the refereed joint proceedings of seven international workshops held in conjunction with the 25th International Conference on Conceptual Modeling, ER 2006, in Tucson, AZ, USA in November 2006. The 39 revised full papers presented together with the outlines of three tutorials were carefully reviewed and selected from 95 submissions.

---