1.	Record Nr.	UNISA996466307503316
	Titolo	Database and Expert Systems Applications [[electronic resource]] : 21st International Conference, DEXA 2010, Bilbao, Spain, August 30 - September 3, 2010, Proceedings, Part I / / edited by Pablo García Bringas, Abdelkader Hameurlain, Gerald Quirchmayr
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
	ISBN	3-642-15364-X
	Edizione	[1st ed. 2010.]
	Descrizione fisica	1 online resource (XXVI, 523 p. 227 illus.)
	Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 6261
	Disciplina	621.39
	Soggetti	Computer engineering
		Computer communication systems
		Data mining
		Application software
		Artificial intelligence
		Information storage and retrieval
		Computer Engineering
		Computer Communication Networks
		Data Mining and Knowledge Discovery
		Information Systems Applications (incl. Internet)
		Artificial Intelligence
		Information Storage and Retrieval
	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	Web, Semantics and Ontologies -- Vi-DIFF: Understanding Web Pages Changes -- Automatic Fuzzy Semantic Web Ontology Learning from Fuzzy Object-Oriented Database Model -- Combining Fuzzy Logic and Semantic Web to Enable Situation-Awareness in Service Recommendation -- Information Integration and Process Modelling -- Source Selection in Large Scale Data Contexts: An Optimization Approach -- Semi-automatic Discovery of Web Services Driven by User Requirements -- An Open Platform for Business Process Modeling and

Verification -- Streams and Multimedia Databases -- Discovering Highly Informative Feature Sets from Data Streams -- Continuous Probabilistic Skyline Queries over Uncertain Data Streams -- DBOD-DS: Distance Based Outlier Detection for Data Streams -- Effective Bitmap Indexing for Non-metric Similarities -- Data Management Algorithms and Performance -- Efficient Incremental Near Duplicate Detection Based on Locality Sensitive Hashing -- Efficient Fuzzy Top-k Query Processing over Uncertain Objects -- Performance and Power Evaluation of Flash-Aware Buffer Algorithms -- Towards Efficient Concurrent Scans on Flash Disks -- Decision Support Systems and Performance (Short Papers) -- Enhanced Foundry Production Control -- The Profile Distance Method: Towards More Intuitive Multiple Criteria Decision Making in Information Systems -- Hybrid In-Memory and On-Disk Tables for Speeding-Up Table Accesses -- Low Power Management of OLTP Applications Considering Disk Drive Power Saving Function -- Data Streams (Short Papers) -- A Disk-Based, Adaptive Approach to Memory-Limited Computation of Windowed Stream Joins -- Prediction Functions in Bi-temporal Datastreams -- A Load Shedding Framework for XML Stream Joins -- Supporting Multi-criteria Decision Support Queries over Time-Interval Data Streams -- XML Databases, Programming Language and Cooperative Work (Short Papers) -- Faster Algorithms for Searching Relevant Matches in XML Databases -- Efficient SLCA-Based Keyword Search on XML Databases: An Iterative-Skip Approach -- SFL: A Structured Dataflow Language Based on SQL and FP -- Incorporating Data Provenance in a Medical CSCW System -- Query Processing and Optimization (Short Papers) -- Optimization of Object-Oriented Queries through Rewriting Compound Weakly Dependent Subqueries -- A Utilization of Schema Constraints to Transform Predicates in XPath Query -- Merging Views Containing Outer Joins in the Teradata DBMS -- A Hybrid Index Structure for Set-Valued Attributes Using Itemset Tree and Inverted List -- Optimization of Disk Accesses for Multidimensional Range Queries -- Data Privacy and Security -- A Privacy-Enhancing Content-Based Publish/Subscribe System Using Scalar Product Preserving Transformations -- Synthesizing: Art of Anonymization -- Anonymizing Transaction Data to Eliminate Sensitive Inferences -- Temporal, Spatial, and High Dimensional Databases -- Interval-Orientation Patterns in Spatio-temporal Databases -- Efficient K-Nearest Neighbor Search in Time-Dependent Spatial Networks -- Hybrid Indexing and Seamless Ranking of Spatial and Textual Features of Web Documents -- Understanding the Human Genome: A Conceptual Modeling-Based Approach -- Semantic Web and Ontologies (Short Papers) -- Learning Semantic N-Ary Relations from Wikipedia -- RIF Centered Rule Interchange in the Semantic Web -- f-SPARQL: A Flexible Extension of SPARQL -- Geo Linked Data -- Approximate Instance Retrieval on Ontologies -- Removing the Redundancy from Distributed Semantic Web Data.

| Sommario/riassunto | st We welcome you to the proceedings of the 21 International Conference on Database and Expert Systems Applications held in Bilbao. With information and database s- tems being a central topic of computer science, it was to be expected that the integ- tion of knowledge, information and data is today contributing to the again rapidly increasing attractiveness of this field for researchers and practitioners. Since its foundation in 1990, DEXA has been an annual international conference, located in Europe, which showcases state-of-the-art research activities in these areas. DEXA 2010 continued this tradition and provided a forum for presenting and discu- ing research results in the area of database and intelligent systems and advanced - search topics, applications and practically relevant issues related to |

these areas. It offered attendees the opportunity to extensively discuss requirements, problems, and solutions in the field in the pleasant atmosphere of the city of Bilbao, which is known for its driving industriousness, its top cultural venues and its rich and inspiring hetage and lifestyle. The University of Deusto with its great educational and research traditions, and the hospitality which the university and the city are so famous for, set the stage for this year's DEXA conference. This volume contains the papers selected for presentation at the DEXA conference.