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Titolo	The Semantic Web - ISWC 2008 : 7th International Semantic Web Conference, ISWC 2008, Karlsruhe, Germany, October 26-30, 2008, Proceedings // edited by Amit P. Sheth, Steffen Staab, Massimo Paolucci, Diana Maynard, Timothy Finin, Krishnaprasad Thirunarayan
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Soggetti	Computer engineering Computer networks Application software Data mining Multimedia systems Computer science Computer Engineering and Networks Computer Communication Networks Computer and Information Systems Applications Data Mining and Knowledge Discovery Multimedia Information Systems Computer Science Logic and Foundations of Programming
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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	Research Track -- Involving Domain Experts in Authoring OWL Ontologies -- Supporting Collaborative Ontology Development in Protégé -- Identifying Potentially Important Concepts and Relations in an Ontology -- RoundTrip Ontology Authoring -- nSPARQL: A Navigational Language for RDF -- An Experimental Comparison of RDF Data Management Approaches in a SPARQL Benchmark Scenario -- Anytime Query Answering in RDF through Evolutionary Algorithms -- The Expressive Power of SPARQL -- Integrating Object-Oriented and

Ontological Representations: A Case Study in Java and OWL -- Extracting Semantic Constraint from Description Text for Semantic Web Service Discovery -- Enhancing Semantic Web Services with Inheritance -- Using Semantic Distances for Reasoning with Inconsistent Ontologies -- Statistical Learning for Inductive Query Answering on OWL Ontologies -- Optimization and Evaluation of Reasoning in Probabilistic Description Logic: Towards a Systematic Approach -- Modeling Documents by Combining Semantic Concepts with Unsupervised Statistical Learning -- Comparison between Ontology Distances (Preliminary Results) -- Folksonomy-Based Collabulary Learning -- Combining a DL Reasoner and a Rule Engine for Improving Entailment-Based OWL Reasoning -- Improving an RCC-Derived Geospatial Approximation by OWL Axioms -- OWL Datatypes: Design and Implementation -- Laconic and Precise Justifications in OWL -- Learning Concept Mappings from Instance Similarity -- Instanced-Based Mapping between Thesauri and Folksonomies -- Collecting Community-Based Mappings in an Ontology Repository -- Algebras of Ontology Alignment Relations -- Scalable Grounded Conjunctive Query Evaluation over Large and Expressive Knowledge Bases -- A Kernel Revision Operator for Terminologies — Algorithms and Evaluation -- Description LogicReasoning with Decision Diagrams -- RDF123: From Spreadsheets to RDF -- Evaluating Long-Term Use of the Gnowsis Semantic Desktop for PIM -- Bringing the IPTC News Architecture into the Semantic Web -- RDFS Reasoning and Query Answering on Top of DHTs -- An Interface-Based Ontology Modularization Framework for Knowledge Encapsulation -- On the Semantics of Trust and Caching in the Semantic Web -- Semantic Web Service Choreography: Contracting and Enactment -- Formal Model for Semantic-Driven Service Execution -- Efficient Semantic Web Service Discovery in Centralized and P2P Environments -- Exploring Semantic Social Networks Using Virtual Reality -- Semantic Grounding of Tag Relatedness in Social Bookmarking Systems -- Semantic Modelling of User Interests Based on Cross-Folksonomy Analysis -- ELP: Tractable Rules for OWL 2 -- Term Dependence on the Semantic Web -- Semantic Relatedness Measure Using Object Properties in an Ontology -- Semantic Web in Use Track -- Thesaurus-Based Search in Large Heterogeneous Collections -- Deploying Semantic Web Technologies for Work Integrated Learning in Industry - A Comparison: SME vs. Large Sized Company -- Creating and Using Organisational Semantic Webs in Large Networked Organisations -- An Architecture for Semantic Navigation and Reasoning with Patient Data - Experiences of the Health-e-Child Project -- Requirements Analysis Tool: A Tool for Automatically Analyzing Software Requirements Documents -- OntoNaviERP: Ontology-Supported Navigation in ERP Software Documentation -- Market Blended Insight: Modeling Propensity to Buy with the Semantic Web -- DogOnt - Ontology Modeling for Intelligent Domotic Environments -- Introducing IYOUIT -- A Semantic Data Grid for Satellite Mission Quality Analysis -- A Process Catalog for Workflow Generation -- Inference Web inAction: Lightweight Use of the Proof Markup Language -- Supporting Ontology-Based Dynamic Property and Classification in WebSphere Metadata Server -- Towards a Multimedia Content Marketplace Implementation Based on Triplespaces -- Doctoral Consortium Track -- Semantic Enrichment of Folksonomy Tagspaces -- Contracting and Copyright Issues for Composite Semantic Services -- Parallel Computation Techniques for Ontology Reasoning -- Towards Semantic Mapping for Casual Web Users -- Interactive Exploration of Heterogeneous Cultural Heritage Collections -- End-User Assisted Ontology Evolution in Uncertain Domains -- Learning Methods in

Multi-grained Query Answering.

Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Semantic Web Conference, ISWC 2008, held in Karlsruhe, Germany, during October 26-30, 2008. The volume contains 43 revised full research papers selected from a total of 261 submissions, of which an additional 3 papers were referred to the semantic Web in-use track; 11 papers out of 26 submissions to the semantic Web in-use track, and 7 papers and 12 posters accepted out of 39 submissions to the doctoral consortium. The topics covered in the research track are ontology engineering; data management; software and service engineering; non-standard reasoning with ontologies; semantic retrieval; OWL; ontology alignment; description logics; user interfaces; Web data and knowledge; semantic Web services; semantic social networks; and rules and relatedness. The semantic Web in-use track covers knowledge management; business applications; applications from home to space; and services and infrastructure.