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Titolo	The Semantic Web - ISWC 2009 [[electronic resource]] : 8th International Semantic Web Conference, ISWC 2009, Chantilly, VA, USA, October 25-29, 2009, Proceedings / / edited by Abraham Bernstein, David R. Karger, Tom Heath, Lee Feigenbaum, Diana Maynard, Enrico Motta, Krishnaprasad Thirunarayan
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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5823
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Disciplina	004n/a
Soggetti	Information storage and retrieval User interfaces (Computer systems) Application software Computers Multimedia information systems Data mining Information Storage and Retrieval User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Information Systems and Communication Service Multimedia Information Systems Data Mining and Knowledge Discovery Chantilly (Va., 2009) Kongress.
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Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Research Track -- Queries to Hybrid MKNF Knowledge Bases through Oracular Tabling -- Automatically Constructing Semantic Web Services from Online Sources -- Exploiting User Feedback to Improve Semantic

Web Service Discovery -- A Generic Approach for Large-Scale
Ontological Reasoning in the Presence of Access Restrictions to the
Ontology's Axioms -- OntoCase-Automatic Ontology Enrichment Based
on Ontology Design Patterns -- Graph-Based Ontology Construction
from Heterogenous Evidences -- DOGMA: A Disk-Oriented Graph
Matching Algorithm for RDF Databases -- Semantically-Aided Business
Process Modeling -- Task Oriented Evaluation of Module Extraction
Techniques -- A Decomposition-Based Approach to Optimizing
Conjunctive Query Answering in OWL DL -- Goal-Directed Module
Extraction for Explaining OWL DL Entailments -- Analysis of a Real
Online Social Network Using Semantic Web Frameworks -- Coloring
RDF Triples to Capture Provenance -- TripleRank: Ranking Semantic
Web Data by Tensor Decomposition -- What Four Million Mappings Can
Tell You about Two Hundred Ontologies -- Modeling and Query
Patterns for Process Retrieval in OWL -- Context and Domain
Knowledge Enhanced Entity Spotting in Informal Text -- Using Naming
Authority to Rank Data and Ontologies for Web Search -- Executing
SPARQL Queries over the Web of Linked Data -- Dynamic Querying of
Mass-Storage RDF Data with Rule-Based Entailment Regimes --
Decidable Order-Sorted Logic Programming for Ontologies and Rules
with Argument Restructuring -- Semantic Web Service Composition in
Social Environments -- XLWrap – Querying and Integrating Arbitrary
Spreadsheets with SPARQL -- Optimizing QoS-Aware Semantic Web
Service Composition -- Synthesizing Semantic Web Service
Compositions with jMosel and Golog -- A Practical Approach for
Scalable Conjunctive Query Answering on Acyclic Knowledge Base --
Learning Semantic Query Suggestions -- Investigating the Semantic
Gap through Query Log Analysis -- Towards Lightweight and Robust
Large Scale Emergent Knowledge Processing -- On Detecting High-
Level Changes in RDF/S KBs -- Efficient Query Answering for OWL 2 --
Multi Visualization and Dynamic Query for Effective Exploration of
Semantic Data -- A Conflict-Based Operator for Mapping Revision --
Functions over RDF Language Elements -- Policy-Aware Content Reuse
on the Web -- Exploiting Partial Information in Taxonomy Construction
-- Actively Learning Ontology Matching via User Interaction --
Optimizing Web Service Composition While Enforcing Regulations -- A
Weighted Approach to Partial Matching for Mobile Reasoning --
Scalable Distributed Reasoning Using MapReduce -- Discovering and
Maintaining Links on the Web of Data -- Concept and Role Forgetting
in Ontologies -- Parallel Materialization of the Finite RDFS Closure for
Hundreds of Millions of Triples -- Semantic Web In Use -- Live Social
Semantics -- RAPID: Enabling Scalable Ad-Hoc Analytics on the
Semantic Web -- LinkedGeoData: Adding a Spatial Dimension to the
Web of Data -- Enrichment and Ranking of the YouTube Tag Space and
Integration with the Linked Data Cloud -- Produce and Consume Linked
Data with Drupal! -- Extracting Enterprise Vocabularies Using Linked
Open Data -- Reasoning about Resources and Hierarchical Tasks Using
OWL and SWRL -- Using Hybrid Search and Query for E-discovery
Identification -- Bridging the Gap between Linked Data and the
Semantic Desktop -- Vocabulary Matching for Book Indexing
Suggestion in Linked Libraries – A Prototype Implementation and
Evaluation -- Semantic Web Technologies for the Integration of
Learning Tools and Context-Aware Educational Services -- Semantic
Enhancement for Enterprise Data Management -- Lifting Events in RDF
from Interactions with Annotated Web Pages -- A Case Study in
Integrating Multiple E-commerce Standards via Semantic Web
Technology -- Supporting Multi-view User Ontology to Understand
Company Value Chains -- Doctoral Consortium -- EXPRESS: EXPressing

REstful Semantic Services Using Domain Ontologies -- A Lexical-Ontological Resource for Consumer Healthcare -- Semantic Web for Search -- Towards Agile Ontology Maintenance -- Ontologies for User Interface Integration -- Semantic Usage Policies for Web Services -- Ontology-Driven Generalization of Cartographic Representations by Aggregation and Dimensional Collapse -- Invited Talks -- Populating the Semantic Web by Macro-reading Internet Text -- Search 3.0: Present, Personal, Precise.

Sommario/riassunto

This book constitutes the refereed proceedings of the 8th International Semantic Web Conference, ISWC 2009, held in Chantilly, VA, USA, during October 25-29, 2009. The volume contains 43 revised full research papers selected from a total of 250 submissions; 15 papers out of 59 submissions to the semantic Web in-use track, and 7 papers and 12 posters accepted out of 19 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.
