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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Where Does It Break? or: Why the Semantic Web Is Not Just "Research as Usual" -- Toward Large-Scale Shallow Semantics for Higher-Quality NLP -- Usability and the Semantic Web -- Ontology Alignment -- Matching Hierarchical Classifications with Attributes -- An Iterative Algorithm for Ontology Mapping Capable of Using Training Data -- Community-Driven Ontology Matching -- Reconciling Concepts and Relations in Heterogeneous Ontologies -- Empirical Merging of Ontologies — A Proposal of Universal Uncertainty Representation Framework -- Ontology Engineering -- Encoding Classifications into Lightweight Ontologies -- A Method to Convert Thesauri to SKOS -- Ontology Engineering Revisited: An Iterative Case Study -- Ontology Evaluation -- Towards a Complete OWL Ontology Benchmark -- Modelling Ontology Evaluation and Validation -- Benchmark Suites for Improving the RDF(S) Importers and Exporters of Ontology Development Tools -- Ontology Evolution -- Repairing Unsatisfiable Concepts in OWL Ontologies -- Winnowing Ontologies Based on Application Use -- Resolving Inconsistencies in Evolving Ontologies -- Ontology Learning -- Automatic Extraction of

Hierarchical Relations from Text -- An Infrastructure for Acquiring High Quality Semantic Metadata -- Extracting Instances of Relations from Web Documents Using Redundancy -- Rules and Reasoning -- Toward Multi-viewpoint Reasoning with OWL Ontologies -- Effective Integration of Declarative Rules with External Evaluations for Semantic-Web Reasoning -- Variable-Strength Conditional Preferences for Ranking Objects in Ontologies -- A Metamodel and UML Profile for Rule-Extended OWL DL Ontologies -- Visual Ontology Cleaning: Cognitive Principles and Applicability -- Rules with Contextually Scoped Negation -- Searching and Querying -- Beagle?+?+?: Semantically Enhanced Searching and Ranking on the Desktop -- RDFBroker: A Signature-Based High-Performance RDF Store -- Towards Distributed Information Retrieval in the Semantic Web: Query Reformulation Using the oMAP Framework -- PowerAqua: Fishing the Semantic Web -- Information Retrieval in Folksonomies: Search and Ranking -- Semantic Annotation -- DEMO – Design Environment for Metadata Ontologies -- An Environment for Semi-automatic Annotation of Ontological Knowledge with Linguistic Content -- Turning the Mouse into a Semantic Device: The seMouse Experience -- Managing Information Quality in e-Science Using Semantic Web Technology -- Annotated RDF -- A Multilingual/Multimedia Lexicon Model for Ontologies -- Semantic Web Mining and Personalisation -- Semantic Network Analysis of Ontologies -- Content Aggregation on Knowledge Bases Using Graph Clustering -- Dynamic Assembly of Personalized Learning Content on the Semantic Web -- Interactive Ontology-Based User Knowledge Acquisition: A Case Study -- Semantic Web Services -- Matching Semantic Service Descriptions with Local Closed-World Reasoning -- The Web Service Modeling Language WSML: An Overview -- On the Semantics of Functional Descriptions of Web Services -- A Minimalist Approach to Semantic Annotations for Web Processes Compositions -- Protocol Mediation for Adaptation in Semantic Web Services -- Semantic Wiki and Blogging -- Ideas and Improvements for Semantic Wikis -- WikiFactory: An Ontology-Based Application for Creating Domain-Oriented Wikis -- Using Semantics to Enhance the Blogging Experience -- Trust and Policies -- WSTO: A Classification-Based Ontology for Managing Trust in Semantic Web Services -- Semantic Web Policies – A Discussion of Requirements and Research Issues.

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