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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Emerging Sciences of the Internet: Some New Opportunities -- Design Abstractions for Innovative Web Applications: The Case of the SOA Augmented with Semantics -- The Lixto Systems Applications in Business Intelligence and Semantic Web -- Ways to Develop Human-Level Web Intelligence: A Brain Informatics Perspective -- Best Papers -- Empowering Software Maintainers with Semantic Web Technologies -- Minimal Deductive Systems for RDF -- Semantic Web Services -- Web Service Contracting: Specification and Reasoning with SCIFF -- Dynamic Service Discovery Through Meta-interactions with Service Providers -- Two-Phase Web Service Discovery Based on Rich Functional Descriptions -- A Reasoning Framework for Rule-Based WSML -- Ontology Learning, Inference and Mapping I -- GenTax: A Generic Methodology for Deriving OWL and RDF-S Ontologies from Hierarchical Classifications, Thesauri, and Inconsistent Taxonomies -- SPARQLeR: Extended Sparql for Semantic Association Discovery -- Simple Algorithms for Predicate Suggestions Using Similarity and Co-occurrence -- Learning Disjointness -- Case Studies -- Developing Ontologies for Collaborative Engineering in Mechatronics -- Media, Politics and the Semantic Web -- SEEMP: An Semantic Interoperability

Infrastructure for e-Government Services in the Employment Sector --
Combining RDF Vocabularies for Expert Finding -- Social Semantic Web
-- Extracting Social Networks Among Various Entities on the Web --
Towards Semantic Social Networks -- Knowledge Sharing on the
Semantic Web -- Ontologies: Requirements and Analysis -- Real-World
Reasoning with OWL -- How to Design Better Ontology Metrics --
Measuring Inconsistencies in Ontologies -- Personalization I --
Squirrel: An Advanced Semantic Search and Browse Facility -- User-
Centric Faceted Search for Semantic Portals -- An Approach for
Identification of User's Intentions During the Navigation in Semantic
Websites -- Foundations of the Semantic Web -- A Novel Combination
of Answer Set Programming with Description Logics for the Semantic
Web -- Algorithms for Paraconsistent Reasoning with OWL -- Vague
Knowledge Bases for Matchmaking in P2P E-Marketplaces -- Symbol
Grounding for the Semantic Web -- Natural Languages and Ontologies
-- Ontology-Driven Semantic Ranking for Natural Language
Disambiguation in the OntoNL Framework -- Web-Annotations for
Humans and Machines -- PANTO: A Portable Natural Language
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-- Applications -- What Have Innsbruck and Leipzig in Common?
Extracting Semantics from Wiki Content -- SALT - Semantically
Annotated for Scientific Publications -- Annotating Relationships
Between Multiple Mixed-Media Digital Objects by Extending Annotea --
Describing Ontology Applications -- Querying and Web Data Models --
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Approach to Retrieving Web Documents and Semantic Web Data --
Distributed Knowledge Representation on the Social Semantic Desktop:
Named Graphs, Views and Roles in NRL -- Semantic Process Retrieval
with iSPARQL -- Ontology Learning, Inference and Mapping II --
Integrating Folksonomies with the Semantic Web -- IdentityRank:
Named Entity Disambiguation in the Context of the NEWS Project -- A
Study in Empirical and 'Casuistic' Analysis of Ontology Mapping Results
-- Acquisition of OWL DL Axioms from Lexical Resources --
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Personalization Use Case -- A Semantic Web Service Oriented
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Composition of Lecture Subparts for a Personalized e-Learning --
System Descriptions -- Caravela: Semantic Content Management with
Automatic Information Integration and Categorization (System
Description) -- The NEXt System: Towards True Dynamic Adaptations
of Semantic Web Service Compositions -- WSMO Studio -- A Semantic
Web Services Modelling Environment for WSMO -- An Annotation Tool
for Semantic Documents -- SWHi System Description: A Case Study in
Information Retrieval, Inference, and Visualization in the Semantic Web
-- Semantic Turkey: A Semantic Bookmarking Tool (System Description)
-- The Web Service Modeling Toolkit - An Integrated Development
Environment for Semantic Web Services -- Understanding Large
Volumes of Interconnected Individuals by Visual Exploration -- System
Description: An Orienteering Strategy to Browse Semantically-Enhanced
Educational Wiki Pages -- Efficient Content Creation on the Semantic
Web Using Metadata Schemas with Domain Ontology Services (System
Description).
