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Altri autori (Persone)	BechhoferSean
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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Invited Talks -- From Capturing Semantics to Semantic Search: A Virtuous Cycle -- Foundations of RDF Databases -- Garlik: Semantic Technology for the Consumer -- Agents -- Semantic Web Technology for Agent Communication Protocols -- xOperator -- Interconnecting the Semantic Web and Instant Messaging Networks -- Application Ontologies -- An Ontology for Software Models and Its Practical Implications for Semantic Web Reasoning -- A Core Ontology for Business Process Analysis -- Applications -- Assisting Pictogram

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Towards a Semantic Claim Federation Infrastructure -- Building a  
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The FinnONTO Approach -- Creating and Using Geospatial Ontology  
Time Series in a Semantic Cultural Heritage Portal -- Semantic Email as  
a Communication Medium for the Social Semantic Desktop -- IVEA: An  
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Discovery -- Web Service Composition with User Preferences --  
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Transaction Logic -- WSMO-Lite Annotations for Web Services --  
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Collaborative Ontology Engineering -- xOperator – An Extensible Semantic Agent for Instant Messaging Networks -- LabelTranslator - A Tool to Automatically Localize an Ontology -- RKBExplorer.com: A Knowledge Driven Infrastructure for Linked Data Providers -- Semantic Browsing with PowerMagpie -- Tagster - Tagging-Based Distributed Content Sharing -- The Web Service Modeling Toolkit -- Mymory: Enhancing a Semantic Wiki with Context Annotations -- Pronto: A Non-monotonic Probabilistic Description Logic Reasoner -- User Profiling for Semantic Browsing in Medical Digital Libraries -- SWiM – A Semantic Wiki for Mathematical Knowledge Management -- Integrating Open Sources and Relational Data with SPARQL -- Previewing Semantic Web Pipes -- Demo: Visual Programming for the Semantic Desktop with Konduit -- SCARLET: SemantiC RelAtion DiscoverY by Harvesting OnLinE OnTologies -- ODEWiki: A Semantic Wiki That Interoperates with the ODESeW Semantic Portal -- Simplifying Access to Large-Scale Health Care and Life Sciences Datasets -- GRISINO - An Integrated Infrastructure for Semantic Web Services, Grid Computing and Intelligent Objects.-SemSearch: Refining Semantic Search -- The Combination of Techniques for Automatic Semantic Image Annotation Generation in the IMAGINATION Application -- WSMX: A Solution for B2B Mediation and Discovery Scenarios -- Conceptual Spaces in ViCoS.

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### Sommario/riassunto

This book constitutes the refereed proceedings of the 5th European Semantic Web Conference, ESWC 2008, held in Tenerife, Canary Islands, Spain, in June 2008. The 51 revised full papers presented together with 3 invited talks and 25 system description papers were carefully reviewed and selected from a total of 270 submitted papers. The papers are organized in topical sections on agents, application ontologies, applications, formal languages, foundational issues, learning, ontologies and natural language, ontology alignment, query processing, search, semantic Web services, storage and retrieval of semantic Web data, as well as user interfaces and personalization.

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