

1. Record Nr.	UNISA996466089603316
Titolo	Managing Knowledge in a World of Networks [[electronic resource]] : 15th International Conference, EKAW 2006, Podebrady, Czech Republic, October 6-10, 2006, Proceedings / / edited by Steffen Staab, Vojtech Svatek
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-46365-8
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XIV, 402 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 4248
Disciplina	025.04
Soggetti	Artificial intelligence Application software Information storage and retrieval Computer communication systems Artificial Intelligence Information Systems Applications (incl. Internet) Information Storage and Retrieval Computer Appl. in Administrative Data Processing Computer Communication Networks
Lingua di pubblicazione	Inglese
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	Invited Talks -- Information and Influence in Social Networks -- Learning, Logic, and Probability: A Unified View -- Knowledge Acquisition -- KARaCAs: Knowledge Acquisition with Repertory Grids and Formal Concept Analysis for Dialog System Construction -- Capturing Quantified Constraints in FOL, Through Interaction with a Relationship Graph -- Assisting Domain Experts to Formulate and Solve Constraint Satisfaction Problems -- Knowledge Acquisition Evaluation Using Simulated Experts -- Stochastic Foundations for the Case-Driven Acquisition of Classification Rules -- From Natural Language to Formal Proof Goal -- Reuse: Revisiting Sisyphus-VT -- Ontology Engineering -- Role Organization Model in Hozo -- Verification and Refactoring of Ontologies with Rules -- Ontology Selection for the Real Semantic Web:

How to Cover the Queen's Birthday Dinner? -- Ontology Engineering, Scientific Method and the Research Agenda -- Ontology Learning -- Ontology Enrichment Through Automatic Semantic Annotation of On-Line Glossaries -- Discovering Semantic Sibling Groups from Web Documents with XTREEM-SG -- Designing and Evaluating Patterns for Ontology Enrichment from Texts -- Ontology Mapping and Evolution -- Semantic Metrics -- Matching Unstructured Vocabularies Using a Background Ontology -- Distributed Multi-contextual Ontology Evolution -- A Step Towards Semantic Autonomy -- An Evaluation Method for Ontology Complexity Analysis in Ontology Evolution -- Semantic Search -- Semantic Search Components: A Blueprint for Effective Query Language Interfaces -- SemSearch: A Search Engine for the Semantic Web -- Rich Personal Semantic Web Clients: Scenario and a Prototype -- User Interfaces -- i dee: An Integrated and Interactive Data Exploration Environment Used for Ontology Design -- Evaluating a Thesaurus Browser for an Audio-visual Archive -- Knowledge Discovery -- Frequent Pattern Discovery from OWL DLP Knowledge Bases -- Engineering and Learning of Adaptation Knowledge in Case-Based Reasoning -- A Methodological View on Knowledge-Intensive Subgroup Discovery -- Iterative Bayesian Network Implementation by Using Annotated Association Rules -- Semantics from Networks and Crowds -- Multilayered Semantic Social Network Modeling by Ontology-Based User Profiles Clustering: Application to Collaborative Filtering -- Towards Knowledge Management Based on Harnessing Collective Intelligence on the Web -- A Formal Approach to Qualitative Reasoning on Topological Properties of Networks -- Applications -- Towards a Knowledge Ecosystem -- A Tool for Management and Reuse of Software Design Knowledge -- The ODESeW Platform as a Tool for Managing EU Projects: The Knowledge Web Case Study.

Sommario/riassunto

th The 15 International Conference on Knowledge Engineering and Knowledge Management (2006), held on October 6-10, 2006 in Podbrady, Czech Republic, followed a long tradition of European Knowledge Acquisition Workshops (from 1987), which eventually acquired the format of conference (in 2000) while keeping their open-minded and interactive spirit. During the nearly 20 year lifespan of the series, the discipline of knowledge engineering (KE) evolved greatly. While knowledge acquisition (KA) techniques dominated in the very first years, formal approaches to knowledge-based inference and various new streams such as knowledge discovery from data/texts later came into play. During the late 1990s and afterwards, EKAW became a founding community for ontology and Semantic Web Research, which was also reflected in the sub-titles of the 2002 and 2004 editions: "Ontologies and the Semantic Web" and "Engineering Knowledge in the Age of the Semantic Web," respectively. The 2006 edition, in turn, only slightly refocused this trend. Its sub-title is "Managing Knowledge in a World of Networks," which reflects the fact that semantics typically arises not only as a result of explicit engineering activities (as in Semantic Web) but also emerges from interaction of a high number of interconnected documents, ontological concepts, software applications and — especially — human users. The importance given to the interconnection of human users in a sense loops back to the knowledge acquisition roots of EKAW and its 'holistic' view of knowledge engineering.
