

1. Record Nr.	UNINA9910144047703321
Titolo	Databases in Networked Information Systems : Third International Workshop, DNIS 2003, Aizu, Japan, September 22-24, 2003, Proceedings // edited by Nadia Bianchi-Berthouze
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
ISBN	3-540-39845-7
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (X, 269 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2822
Disciplina	005.758
Soggetti	Data structures (Computer science) Database management Computer networks Information storage and retrieval Application software Multimedia systems Data Structures and Information Theory Database Management Computer Communication Networks Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems
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 at the end of each chapters and index.
Nota di contenuto	Web Intelligence -- The World Wide Wisdom Web (W4) -- Web Information Personalization: Challenges and Approaches -- An Adaptive E-commerce Personalization Framework with Application in E-banking -- Accessing Hidden Web Documents by Metasearching a Directory of Specialty Search Engines -- Hidden Schema Extraction in Web Documents -- Automatically Customizing Service Pages on the Web for Mobile Devices -- Information Interchange and Management Systems -- Author-X – A System for Secure Dissemination and Update of XML Documents -- What's Wrong with Wrapper Approaches in

Modeling Information System Integration and Interoperability? --
Browsing and Editing XML Schema Documents with an Interactive Editor
-- On-Line Analysis of a Web Data Warehouse -- Web Information
Integration Based on Compressed XML -- Information Interchange
among Cyber Communities -- Supporting the Conversational
Knowledge Process in the Networked Community -- Intelligent
Management of SLAs for Composite Web Services -- PC Cluster Based
Parallel Frequent Pattern Mining and Parallel Web Access Pattern Mining
-- NetIsle: A Hybrid Peer-to-Peer Groupware System Based on Push
Technology for Small Group Collaboration -- An Improved Optimistic
and Fault-Tolerant Replication Protocol -- Knowledge – Annotation and
Visualization -- Visual Data Mining of Large Spatial Data Sets -- An
Analysis and Case Study of Digital Annotation -- Vectorization of
Graphical Components in Sketch-Based Interfaces -- A Data Placement
Method of HSM for Streaming Media Server in Network Environment --
Application of Active Real-Time Objects and Rules in Semantic Web.

Sommario/riassunto

The understanding of data semantics in Web-based information systems is the object of intensive research efforts. The large volume of data on the Internet originates a need for accessing the semantic content of that information. Furthermore, it requires the personalizing of its search and integration to various types of users. Two approaches have been proposed in the research literature: integration of Web technologies with database technologies and use of meta-languages such as XML. These solutions offer highly structured or semi-structured data that allow users to perform queries at a higher semantic level. These also facilitate the dynamic personalization of Web-based applications. Therefore, it is now important to address the question of how one can efficiently query and search large collections of XML documents. And it is also necessary to find new solutions, both to support dynamic architectures for Web-based applications and to model users' search and result presentation criteria. The third international workshop on Databases in Networked Information Systems (DNIS 2003) was held on September 22-24, 2003 at the University of Aizu in Japan on the occasion of its 10th anniversary. The workshop program included research contributions, and invited contributions. The session on Web Intelligence included invited papers by Professor Jiming Liu and Professor Cyrus Shahabi. The session on Information Interchange and Management Systems included invited papers by Professor Toshiyasu L. Kunii, Professor Elisa Bertino, and Professor Marc Sifer. The session on Information Interchange Among Cyber Communities had invited papers by Professor Toyooki Nishida, Professor Masaru Kitsuregawa, and Dr. Umeshwar Dayal. Finally the session on Knowledge - Annotation and Visualization included the invited contribution by Professor Daniel Keim.
