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Soggetti	Database management Information storage and retrieval Application software Multimedia information systems Natural language processing (Computer science) Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) Multimedia Information Systems Natural Language Processing (NLP)
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Nota di contenuto	Research Papers -- Automatic Feature Extraction and Recognition for Digital Access of Books of the Renaissance -- Content Based Indexing and Retrieval in a Digital Library of Arabic Scripts and Calligraphy -- Ancient Music Recovery for Digital Libraries -- Probabilistic Automaton Model for Fuzzy English-Text Retrieval -- Associative and Spatial Relationships in Thesaurus-Based Retrieval -- Experiments on the Use of Feature Selection and Negative Evidence in Automated Text Categorization -- The Benefits of Displaying Additional Internal Document Information on Textual Database Search Result Lists -- Interactive-Time Similarity Search for Large Image Collections Using Parallel VA-Files -- Dublin Core Metadata for Electronic Journals -- An

Event-Aware Model for Metadata Interoperability -- QUEST — Querying Specialized Collections on theWeb -- Personal Data in a Large Digital Library -- Implementing a Reliable Digital Object Archive -- Policy-Carrying, Policy-Enforcing Digital Objects -- INDIGO—An Approach to Infrastructures for Digital Libraries -- Scalable Digital Libraries Based on NCSTRL/Dienst -- OMNIS/2: A Multimedia Meta System for Existing Digital Libraries -- Modeling Archival Repositories for Digital Libraries -- Implementation and Analysis of Several Keyframe-Based Browsing Interfaces to Digital Video -- Functional and Intentional Limitations of Interactivity on Content Indexing Topics: Possible Uses of Automatic Classification and Contents Extraction Systems, in Order to Create Digital Libraries Databases -- Interaction Profiling in Digital Libraries through Learning Tools -- DEBORA: Developing an Interface to Support Collaboration in a Digital Library -- Children as Design Partners and Testers for a Children's Digital Library -- Evaluating a User-Model Based Personalisation Architecture for Digital News Services -- Aging Links -- Core Elements of Digital Gazetteers: Placenames, Categories, and Footprints -- The Application of an Event-Aware Metadata Model to an Online Oral History Archive -- From the Visual Book to the WEB Book: The Importance of Good Design -- Short-Papers -- Topic Detection in Read Documents -- Map Segmentation by Colour Cube Genetic K-Mean Clustering -- Spoken Query Processing for Information Access in Digital Libraries -- A Metadata Model for Historical Documentary Films -- Image Description and Retrieval Using MPEG-7 Shape Descriptors -- A Large Scale Component-Based Multi-media Digital Library System -- Personalised Delivery of News Articles from Multiple Sources -- Building a Digital Library of Web News -- Automatically Detecting and Organizing Documents into Topic Hierarchies: A Neural Network Based Approach to Bookshelf Creation and Arrangement -- Daffodil: Distributed Agents for User-Friendly Access of Digital Libraries -- An Adaptive Systems Approach to the Implementation and Evaluation of Digital Library Recommendation Systems -- Are End-Users Satisfied by Using Digital Libraries -- CAP7: Searching and Browsing in Distributed Document Collections -- Representing Context-Dependent Information Using Multidimensional XML -- AQUA (Advanced Query User Interface Architecture) -- Fusion of Overlapped Result Sets -- ActiveXML: Compound Documents for Integration of Heterogeneous Data Sources -- newsWORKS®, the Complete Solution for Digital Press Clippings and Press Reviews: Capture of Information in an Intelligent Way -- Effects of Cognitive and Problem Solving Style on Internet Search Tool -- Follow the Fox to Renardus: An Academic Subject Gateway Service for Europe -- CORC: Helping Libraries Take a Leading Role in the Digital Age -- Automatic Web Rating: Filtering Obscene Content on the Web -- The Bibliographic Management of Web Documents in Digital and Hybrid Libraries -- The Economic Impact of an Electronic Journal Collection on an Academic Library -- A Comparative Transaction Log Analysis of Two Computing Collections -- ERAM — Digitisation of Classical Mathematical Publications -- The Electronic Library in EMIS — European Mathematical Information Service -- Model for an Electronic Access to the Algerian Scientific Literature: Short Description -- A Digital Library of Native American Images -- China Digital Library Initiative and Development -- Appropriation of Legal Information: Evaluation of Data Bases for Researchers -- Publishing 30 Years of the Legislation of Brazil's São Paulo State in CD-ROM and Internet -- Electronic Dissemination of Statistical Information at Local Level: A Cooperative Project between a University Library and Other Public Institutions -- Building Archaeological Photograph Library -- EULER — A DC-Based Integrated

Access to Library Catalogues and Other Mathematics Information in the Web -- Decomate: Unified Access to Globally Distributed Libraries -- MADILIS, the Microsoft Access-Based Digital Library System -- Leveraging Electronic Content: Electronic Linking Initiatives at Arizona State University -- Asian Film Connection: Developing a Scholarly Multilingual Digital Library — A Case Study -- Conceptual Model of Children's Electronic Textbook -- An Information Food Chain for Advanced Applications on the WWW -- An Architecture for a Multi Criteria Exploration of a Documents Set -- An Open Digital Library Ordering System -- Special Workshop -- Special NKOS Workshop on Networked Knowledge Organization Systems -- Implementing Electronic Journals in the Library and Making them Available to the End-User: An Integrated Approach.

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## Sommario/riassunto

ECDL2000, the Fourth European Conference on Research and Advanced Technology for Digital Libraries, is being held this year in Lisbon, Portugal, following previous events in Pisa (1997), Heraklion (1998), and Paris (1999). One major goal of the ECDL conference series has been to draw information professionals, stakeholders, and user communities from both the research world and from industry into a discussion of the alternative technologies, policies, and scenarios for global digital libraries. The success of previous conferences makes them a hard act to follow. The field of digital libraries draws on a truly diverse set of scientific and technical disciplines. In the past three years, moreover, global cooperation on research and development has emerged as an urgent priority, particularly in the new European Framework Programme and in the Digital Library Initiative in the United States. Because of this diversity, the field is perhaps still struggling for an identity. But this struggle for identity is itself a source of energy and creativity. Participants in this field feel themselves to be part of a special community, with special people. Each of us may claim expertise on a narrow issue, with specific projects, but the choices we make and the methods we use in local solutions can have unforeseen impacts within a growing universe of interconnected resources.

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