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Soggetti	Information storage and retrieval systems Computer science Library science Database management Application software Multimedia systems Information Storage and Retrieval Theory of Computation Library Science Database Management Computer and Information Systems Applications Multimedia Information Systems
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ontologies -- The Semantic GrowBag Algorithm: Automatically Deriving Categorization Systems -- Ontology-Based Question Answering for Digital Libraries -- Formalizing the Get-Specific Document Classification Algorithm -- Digital Libraries and the Web -- Trustworthiness Analysis of Web Search Results -- Improved Publication Scores for Online Digital Libraries Via Research Pyramids -- Key Element-Context Model: An Approach to Efficient Web Metadata Maintenance -- Models -- A Cooperative-Relational Approach to

Digital Libraries -- Mind the (Intelligibility) Gap -- Using XML Logical Structure to Retrieve (Multimedia) Objects -- Multimedia and Multilingual DLs -- Lyrics-Based Audio Retrieval and Multimodal Navigation in Music Collections -- Automatic Identification of Music Works Through Audio Matching -- Roadmap for MultiLingual Information Access in the European Library -- Grid and Peer-to-Peer -- MinervaDL: An Architecture for Information Retrieval and Filtering in Distributed Digital Libraries -- A Grid-Based Infrastructure for Distributed Retrieval -- VIRGIL – Providing Institutional Access to a Repository of Access Grid Sessions -- Preservation -- Opening Schrödingers Library: Semi-automatic QA Reduces Uncertainty in Object Transformation -- Texts, Illustrations, and Physical Objects: The Case of Ancient Shipbuilding Treatises -- Trustworthy Digital Long-Term Repositories: The Nestor Approach in the Context of International Developments -- User Interfaces -- Providing Context-Sensitive Access to the Earth Observation Product Library -- T-Scroll: Visualizing Trends in a Time-Series of Documents for Interactive User Exploration -- Thesaurus-Based Feedback to Support Mixed Search and Browsing Environments -- Document Linking -- Named Entity Identification and Cyberinfrastructure -- Finding Related Papers in Literature Digital Libraries -- Extending Semantic Matching Towards Digital Library Contexts -- Information Retrieval -- Towards a Unified Approach Based on Affinity Graph to Various Multi-document Summarizations -- Large-Scale Clustering and Complete Facet and Tag Calculation -- Annotation-Based Document Retrieval with Probabilistic Logics -- Personal Information Management -- Evaluation of Visual Aid Suite for Desktop Searching -- Personal Environment Management -- Empirical Evaluation of Semi-automated XML Annotation of Text Documents with the GoldenGATE Editor -- New DL Applications -- Exploring Digital Libraries with Document Image Retrieval -- Know Thy Sensor: Trust, Data Quality, and Data Integrity in Scientific Digital Libraries -- Digital Libraries Without Databases: The Bleek and Lloyd Collection -- User Studies -- A Study of Citations in Users' Online Personal Collections -- Investigating Document Triage on Paper and Electronic Media -- Motivating and Supporting User Interaction with Recommender Systems -- Panels -- On the Move Towards the European Digital Library: BRICKS, TEL, MICHAEL and DELOS Converging Experiences -- Digital Libraries in Central and Eastern Europe: Infrastructure Challenges for the New Europe -- Posters and Demos -- Electronic Work: Building Dynamic Services over Logical Structure Using Aqueducts for XML Processing -- A Model of Uncertainty for Near-Duplicates in Document Reference Networks -- Assessing Quality Dynamics in Unsupervised Metadata Extraction for Digital Libraries -- Bibliographical Meta Search Engine for the Retrieval of Scientific Articles -- In-Browser Digital Library Services -- Evaluating Digital Libraries with 5SQual -- Reducing Costs for Digitising Early Music with Dynamic Adaptation -- Supporting Information Management in Digital Libraries with Map-Based Interfaces -- Policy Decision Tree for Academic Digital Collections -- Personalized Faceted Browsing for Digital Libraries -- The Use of Metadata in Visual Interfaces to Digital Libraries -- Location and Format Independent Distributed Annotations for Collaborative Research -- NSDL MatDL: Adding Context to Bridge Materials e-Research and e-Education -- A Framework for the Generation of Transformation Templates -- MultiMatch – Multilingual/Multimedia Access to Cultural Heritage -- The Future of Large-Scale Evaluation Campaigns for Information Retrieval in Europe -- Digital 101: Public Exhibition System of the National Digital Archives Program, Taiwan -- aScience: A Thematic Network on Speech and Tactile Accessibility to Scientific Digital

Resources -- PROBADO – A Generic Repository Integration Framework -- VCenter: A Digital Video Broadcast System of NDAP Taiwan -- Retrieving Tsunami Digital Library by Use of Mobile Phones -- Using Watermarks and Offline DRM to Protect Digital Images in DIAS -- CIDOC CRM in Action – Experiences and Challenges -- The Legal Environment of Digital Curation – A Question of Balance for the Digital Librarian -- Demonstration: Bringing Lives to Light: Browsing and Searching Biographical Information with a Metadata Infrastructure -- Repository Junction and Beyond at the EDINA (UK) National Data Centre -- A Scalable Data Management Tool to Support Epidemiological Modeling of Large Urban Regions -- Living Memory Annotation Tool – Image Annotations for Digital Libraries -- A User-Centred Approach to Metadata Design -- A Historic Documentation Repository for Specialized and Public Access -- Finding It on Google, Finding It on del.icio.us. -- DIGMAP – Discovering Our Past World with Digitised Maps -- Specification and Generation of Digital Libraries into DSpace Using the 5S Framework -- EOD - European Network of Libraries for eBooks on Demand -- Semantics and Pragmatics of Preference Queries in Digital Libraries -- Applications for Digital Libraries in Language Learning and the Professional Development of Teachers.

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### Sommario/riassunto

We are proud to present the proceedings of the 11th European Conference on Research and Advanced Technology for Digital Libraries (ECDL 2007) which, following Pisa (1997), Heraklion (1998), Paris (1999), Lisbon (2000), Daxi (2001), Rome (2002), Trondheim (2003), Bath (2004), Vienna (2005) and Alicante (2006), took place on September 16-21, 2007 in Budapest, Hungary. Over the last 11 years, ECDL has created a strong interdisciplinary community of researchers and practitioners in the field of digital libraries, and has formed a substantial body of scholarly publications contained in the conference proceedings. ECDL 2007 featured separate calls for paper and poster submissions, resulting in 119 full papers and 34 posters being submitted to the conference. All papers were subject to an in-depth peer-review process; three reviews per submission were produced by a Program Committee of 69 members from 27 countries. In total 36 of 119 full paper submissions were accepted at the Program Committee meeting for presentation at the conference and publication in the proceedings with Springer, resulting in an acceptance rate of 30%. Also, 24 poster/demo submissions and another 15 papers from the full paper submissions were accepted for poster presentation and publication in the proceedings volume.

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