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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2642
Disciplina	004.678
Soggetti	Computer science Application software Computer networks Information storage and retrieval Multimedia systems User interfaces (Computer systems) Popular Computer Science Information Systems Applications (incl. Internet) Computer Communication Networks Information Storage and Retrieval Multimedia Information Systems User Interfaces and Human Computer Interaction
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	Keynote Papers -- Trends in Mobile Multimedia and Networks -- DB-Enabled Peers for Managing Distributed Data -- XML and Database Design -- Functional Dependencies for XML -- On Transformation to Redundancy Free XML Schema from Relational Database Schema -- Constraint Preserving XML Updating -- Efficient XML Data Management -- ENAXS: Efficient Native XML Storage System -- A Fast Index for XML Document Version Management -- A Commit Scheduler for XML Databases -- An Efficient Path Index for Querying Semi-structured Data -- Integrating Path Index with Value Index for XML Data -- Automatic

Layout Generation with XML Wrapping -- XML Transformation --
 Efficient Evaluation in XML to XML Transformations -- Formalizing
 Semantics of XSLT Using Object-Z -- An XML-Based Context-Aware
 Transformation Framework for Mobile Execution Environments -- FIXT:
 A Flexible Index for XML Transformation -- Formal Foundation of Web
 Navigation Stereotypes and Their Transformation into XML -- Web
 Mining -- Mining "Hidden Phrase" Definitions from the Web --
 Extending a Web Browser with Client-Side Mining -- Real-Time
 Segmenting Time Series Data -- An Efficient Data Mining Algorithm for
 Discovering Web Access Patterns -- Applying Data Mining Techniques
 to Analyze Alert Data -- Web Clustering, Ranking and Profiling -- Web
 Page Clustering: A Hyperlink-Based Similarity and Matrix-Based
 Hierarchical Algorithms -- A Framework for Decentralized Ranking in
 Web Information Retrieval -- A Web User Profiling Approach -- A New
 Algorithm for Performing Ratings-Based Collaborative Filtering --
 Payment and Security -- Architecture for a Component-Based, Plug-In
 Micro-payment System -- Verifying the Purchase Request in SET
 Protocol -- Self-organizing Coefficient for Semi-blind Watermarking --
 Applying RBAC Providing Restricted Permission Inheritance to a
 Corporate Web Environment -- eSignature Verification on Web Using
 Statistical Mining Approach -- Web Application Architectures --
 Deriving Architectures of Web-Based Applications -- A New Agent
 Framework with Behavior Delegation Using SOAP -- Improving the Web
 Presentation Layer Architecture -- An Event Based Approach to Web
 Service Design and Interaction -- Active Document Framework ADF:
 Concept and Method -- Advanced Applications -- Goal-Oriented
 Analysis and Agent-Based Design of Agile Supply Chain --
 Methodologies and Mechanism Design in Group Awareness Support for
 Internet-Based Real-Time Distributed Collaboration -- Statistics Based
 Predictive Geo-spatial Data Mining: Forest Fire Hazardous Area
 Mapping Application -- Knowledge Representation, Ontologies, and the
 Semantic Web -- Web Wrapper Validation -- Web and Multimedia --
 Web-Based Image Retrieval with a Case Study -- Extracting Content
 Structure for Web Pages Based on Visual Representation -- XML Data
 Integration and Distribution in a Web-Based Object Video Server System
 -- Network Protocols -- Genetic Algorithm-Based QoS Multicast
 Routing for Uncertainty in Network Parameters -- Tagged Fragment
 Marking Scheme with Distance-Weighted Sampling for a Fast IP
 Traceback -- An Ant Algorithm Based Dynamic Routing Strategy for
 Mobile Agents -- Integration of Mobile IP and NHRP over ATM Networks
 -- Workflow Management Systems -- e_SWDL : An XML Based Workflow
 Definition Language for Complicated Applications in Web Environments
 -- An Efficient User Task Handling Mechanism Based on Dynamic Load-
 Balance for Workflow Systems -- Exception Specification and Handling
 in Workflow Systems -- Key Issues and Experiences in Development of
 Distributed Workflow Management Systems -- Advanced Search --
 Intelligent Search for Distributed Information Sources Using
 Heterogeneous Neural Networks -- A Localness-Filter for Searched Web
 Pages -- DEBIZ: A Decentralized Lookup Service for E-commerce --
 Design of B+Tree-Based Predicate Index for Efficient Event Matching --
 Data Allocation and Replication -- Data Replication at Web Proxies in
 Content Distribution Network -- A Hash-Based Collaborative
 Transcoding Proxy System -- Dynamic Materialized View Management
 Based on Predicates -- DPR: A Dynamic Partial Replication Protocol
 Based on Group Communication for a Web-Enable Database Cluster.

invited papers were carefully reviewed and selected from a total of 136 submissions. The papers are organized in topical sections on XML and database design; efficient XML data management; XML transformation; Web mining; Web clustering, ranking, and profiling; payment and security; Web application architectures; advanced applications; Web multimedia; network protocols; workflow management systems; advanced search; and data allocation and replication.
