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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4032
Disciplina	004
Soggetti	Application software Multimedia information systems Database management Information storage and retrieval Computer communication systems Software engineering Information Systems Applications (incl. Internet) Multimedia Information Systems Database Management Information Storage and Retrieval Computer Communication Networks Software Engineering
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	Full Papers -- Efficiently Updating Cost Repository Values for Query Optimization on Web Data Sources in a Mediator/Wrapper Environment -- TupleRank: Ranking Discovered Content in Virtual Databases -- Next-Generations Applications -- Analysis of Queries Reaching SHIL on the Web -- An Information System Providing Citizen Information -- On Mediated Search of the United States Holocaust Memorial Museum Data -- A Repository of Services for the Government to Businesses Relationship -- Information Systems Development -- Towards

Automatic Integration of Persistency Requirements in Enterprise-Systems – The Persistent-to-Persistent Patterns -- Consistency of UML Class Diagrams with Hierarchy Constraints -- A Framework-Based Design for Supporting Availability of Layered Distributed Applications -- Security and Privacy -- Web Application Security Gateway with Java Non-blocking IO -- Microaggregation for Database and Location Privacy -- Efficient Caching Strategies for Gnutella-Like Systems to Achieve Anonymity in Unstructured P2P File Sharing -- Semi-structured Data -- Conjunctive Queries over DAGs -- Incrementally Computing Ordered Answers of Acyclic Conjunctive Queries -- Count-Constraints for Generating XML -- Frameworks, Models and Taxonomies -- A Data Model for Music Information Retrieval -- A Taxonomy and Representation of Sources of Uncertainty in Active Systems -- Analyzing Object-Oriented Design Patterns from an Object-Process Viewpoint -- Simulation and Incremental Computing -- Modeling and Simulation of Grid Information Service -- Simulations of Distributed Service-Based Content Adaptation for Network Optimization -- Distributed Systems -- Second Order Snapshot-Log Relations: Supporting Multi-directional Database Replication Using Asynchronous Snapshot Replication -- The Replica Management for Wide-Area Distributed Computing Environments -- Developing Parallel Cell-Based Filtering Scheme Under Shared-Nothing Cluster-Based Architecture -- User Oriented Design -- How Deep Should It Be? On the Optimality of Hierarchical Architectures -- A Spreadsheet Client for Web Applications -- Dynamic Construction of User Defined Virtual Cubes -- Data Mining and Agent-Oriented Computing -- Automatic Discovery of Regular Expression Patterns Representing Negated Findings in Medical Narrative Reports -- A Hybrid Method for Speeding SVM Training -- Design of Service Management System in OSGi Based Ubiquitous Computing Environment -- Short Papers -- Creating Consistent Diagnoses List for Developmental Disorders Using UMLS -- Enhancing Domain Engineering with Aspect-Orientation -- An Agent-Oriented Approach to Semantic Web Services -- Biometrics Authenticated Key Agreement Scheme -- Posters and Demonstrations -- The Third Query Paradigm -- ?-xSynopsises – a System for Run-Time Management of XML Synopsises -- LTS: The List-Traversal Synopsises System -- The Promise and Challenge of Multidimensional Visualization -- : Bridging the Gap Between Web Services and the Semantic Web -- – A Scalable and Efficient Framework for Online Data Delivery -- Invited Talks -- Next Generation Enterprise IT Systems -- The Future of Web Search: From Information Retrieval to Information Supply -- Is There Life After the Internet?.

Sommario/riassunto

Information technology is a rapidly changing field in which researchers and developers must continuously set their vision on the next generation of technologies and the systems that they enable. Suitably, Next-Generation Information Technologies and Systems (NGITS) is an ongoing series of workshops that provides a forum for presenting and discussing the latest advances in information technology. NGITS took are international events held in Israel; previous workshops took place in 1993, 1995, 1997, 1999 and 2002. The call for papers for the 2006 workshop was answered by 138 papers on a very diverse range of subjects, thus presenting a considerable challenge to the Program Committee. Each of these papers received professional reviewing from at least three experts, and eventually 32 papers (less than 25%) were selected for presentation at the workshop and inclusion in these proceedings. Of these, 28 are full-length papers and 4 are short papers. In addition, several research works were selected to display “poster” presentations, and a number of research projects exhibited

demonstrations. Finally, the workshop featured three keynote lectures by notable experts. The selected papers may be classified roughly in ten broad areas: ? Information systems development ? Distributed systems ? Semi-structured data ? Data mining and agent-oriented computing ? User-oriented design ? Frameworks, models and taxonomies ? Simulation and incremental computing ? Information integration ? Security and privacy ? Next-generation applications This event is the culmination of efforts by many talented and dedicated individuals.
