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Nota di contenuto	1st International Workshop on Graph Data Management: Techniques and Applications (GDM 2010) -- GDM2010 Workshop Organizers' Message -- On-Line Preferential Nearest Neighbor Browsing in Large Attributed Graphs -- Mining Useful Time Graph Patterns on Extensively Discussed Topics on the Web -- Querying Graph-Based Repositories of Business Process Models -- SGDB -- Simple Graph Database Optimized for Activation Spreading Computation -- Data Intensive e-Science Workshop (DIEW2010) -- to the Data Intensive e-Science Workshop (DIEW) 2010 -- WISE-CAPS: Web-Based Interactive Secure Environment for Collaborative Analysis of Planetary Science -- Towards Large-Scale Scientific Dataspaces for e-Science Applications -- Providing Constructed Buildings Information by ASTER Satellite DEM Images and Web Contents -- Gfdnavi, Web-Based Data and Knowledge Server Software for Geophysical Fluid Sciences, Part I: Rationales, Stand-Alone Features, and Supporting Knowledge Documentation Linked to Data -- Gfdnavi, Web-Based Data and Knowledge Server Software for Geophysical Fluid Sciences, Part II: RESTful Web Services and Object-Oriented Programming Interface -- 3rd International Workshop on

Managing Data Quality in Collaborative Information Systems (MCIS2010) -- MCIS2010 Workshop Organizers' Message -- Checking Structural Integrity for Metadata Repository Systems by Means of Description Logics -- On Memory and I/O Efficient Duplication Detection for Multiple Self-clean Data Sources -- Top-K Generation of Mediated Schemas over Multiple Data Sources -- A Graphical Method for Reference Reconciliation -- 2nd International Workshop on Benchmarking of Database Management Systems and Data-Oriented Web Technologies (BenchmarX'10) -- BenchmarX'10 Workshop Organizers' Message -- Benchmarking Holistic Approaches to XML Tree Pattern Query Processing -- Benchmarking the Compression of XML Node Streams -- Generation of Synthetic XML for Evaluation of Hybrid XML Systems -- Benchmarking Publish/Subscribe-Based Messaging Systems -- An Experimental Evaluation of Relational RDF Storage and Querying Techniques -- Analyzer: A Framework for File Analysis -- Workshop on Social Networks and Social Media Mining on the Web (SNSMW2010) -- SNSMW 2010 Workshop Organizers' Message -- Task-Oriented User Modeling Method and Its Application to Service Navigation on the Web -- Tag Disambiguation through Flickr and Wikipedia -- Measuring Attention Intensity to Web Pages Based on Specificity of Social Tags -- SQL as a Mashup Tool: Design and Implementation of a Web Service Integration Approach Based on the Concept of Extensible Relational Database Management Systems -- Design of Impression Scales for Assessing Impressions of News Articles -- An Evaluation Framework for Analytical Methods of Integrating Electronic Word-of-Mouth Information: Position Paper -- A Framework for Finding Community in Complex Networks -- C&C: An Effective Algorithm for Extracting Web Community Cores -- Extracting Local Web Communities Using Lexical Similarity -- An Improved Algorithm for Extracting Research Communities from Bibliographic Data -- Proposal of Deleting Plots from the Reviews to the Items with Stories -- Basic Study on a Recommendation Method Considering Region-Restrictedness of Spots -- A Hybrid Recommendation Method with Double SVD Reduction -- Monitoring Geo-social Activities through Micro-blogging Sites -- The 2nd International Workshop on Ubiquitous Data Management(UDM2010) -- UDM2010 Workshop Organizers' Message -- Distributed SLCA-Based XML Keyword Search by Map-Reduce -- FVC: A Feature-Vector-Based Classification for XML Dissemination -- An Object-Field Perspective Data Model for Moving Geographic Phenomena -- GRAMS3: An Efficient Framework for XML Structural Similarity Search -- An Asynchronous Message-Based Knowledge Communication in a Ubiquitous Environment -- Providing Scalable Data Services in Ubiquitous Networks -- On-Demand Data Broadcasting for Data Items with Time Constraints on Multiple Broadcast Channels.

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## Sommario/riassunto

Database Systems for Advanced Applications (DASFAA) is an international - rum for academic exchanges and technical discussions among researchers,dev- opers, and users of databases from academia, business, and industry. DASFAA has been a leading conference in the areas of databases, large-scale data m- agement, data mining, and the Web. Workshops of the 15th DASFAA were held in Tsukuba, Japan on April 4, 2010. These proceedings contain papers of DASFAA2010 workshops. Among the proposals submitted in response to the call-for-workshops, we decided to hold the following six workshops: - First International Workshop on Graph Data Management: Techniques and Applications (GDM 2010) - Second International Workshop on Benchmarking of Database Management Systems and Data-Oriented Web Technologies (BenchmarX 2010) - Third International Workshop on

Managing Data Quality in Collaborative Information Systems (MCIS 2010) - Workshop on Social Networks and Social Media Mining on the Web (SNSMW 2010) - Data-Intensive eScience Workshop (DIEW 2010) - Second International Workshop on Ubiquitous Data Management (UDM 2010) The research area of DASFAA is growing rapidly.

The topics of each workshop cover specific areas of DASFAA and complement topics of the main conference.

We are grateful to the workshop organizers for their efforts in soliciting papers, selecting papers by peer review, and preparing attractive programs. We would like to express our appreciation to Qiang Ma, Lifeng Sun and Takayuki Yumoto for their dedicated work. Our thanks also goes to Chiemi Watanabe for her hard work in preparing this proceedings volume.

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