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Preface

This volume contains the proceedings of the Fourth International Conference on Advances in Information Systems (ADVIS) held in Izmir, Turkey, October, 18-20, 2006. This is the fourth conference dedicated to the memory of Professor Esen Ozkarahan, who was one of the pioneers of database machine research and a founder of database systems in Turkey.

The main goal of the conference is to bring together researchers from all around the world working in different areas of information systems to share new ideas and represent their latest results. This time we received 120 submissions from 27 countries. The Program Committee selected 38 papers for presentation at the conference.

The invited and accepted contributions covered the main research topics related to information systems such as information representation and exchange, databases and datawarehouses, Semantic Web and ontologies, data mining and knowledge discovery, information retrieval and knowledge engineering, architecture of information systems, and distributed and wireless information systems. All these topics were discussed in detail during the conference.

The success of the conference was dependent on the hard work of a large number of people. We gratefully acknowledge the members of the Program Committee, who helped to coordinate the process of refereeing all submitted papers. We also thank all the other specialists and our additional referees, who reviewed the papers.

August 2006

Tatyana Yakhno
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Table of Contents

Invited Talks

Processing Preference Queries in Standard Database Systems	1
<i>Paolo Ciaccia</i>	
Turkish Information Retrieval: Past Changes Future	13
<i>Fazlı Can</i>	
From On-Campus Project Organised Problem Based Learning to Facilitated Work Based Learning in Industry	23
<i>Flemming K. Fink</i>	
Innovative Information and Knowledge Infrastructures – How Do I Find What I Need?	34
<i>Wolfgang Nejdl</i>	

Information Representation and Exchange

XMask: An Enabled XML Management System	38
<i>Moad Maghaydah, Mehmet Ali Orgun</i>	
Validation of XML Documents: From UML Models to XML Schemas and XSLT Stylesheets	48
<i>Eladio Domínguez, Jorge Lloret, Ángel L. Rubio, María A. Zapata</i>	
A Novel Clustering-Based Approach to Schema Matching	60
<i>Jin Pei, Jun Hong, David Bell</i>	
BFP k NN: An Efficient k -Nearest-Neighbor Search Algorithm for Historical Moving Object Trajectories	70
<i>Yunjun Gao, Chun Li, Gencai Chen, Ling Chen, Xianta Jiang, Chun Chen</i>	
Three-Level Object-Oriented Database Architecture Based on Virtual Updateable Views	80
<i>Piotr Habela, Krzysztof Stencel, Kazimierz Subieta</i>	

AEC Algorithm: A Heuristic Approach to Calculating Density-Based Clustering <i>Eps</i> Parameter	90
<i>Marcin Gorawski, Rafal Malczok</i>	

Databases and Datawarehouses

GeoCube, a Multidimensional Model and Navigation Operators Handling Complex Measures: Application in Spatial OLAP	100
<i>Sandro Bimonte, Anne Tchounikine, Maryvonne Miquel</i>	
Hybrid Index for Spatio-temporal OLAP Operations	110
<i>Byeong-Seob You, Dong-Wook Lee, Sang-Hun Eo, Jae-Dong Lee, Hae-Young Bae</i>	
Managing Evolution of Data Warehouses by Means of Nested Transactions	119
<i>Bartosz Bebel, Zbyszko Królikowski, Robert Wrembel</i>	
Optimization of Queries Invoking Views by Query Tail Absorption	129
<i>Hanna Kozankiewicz, Krzysztof Stencel, Kazimierz Subieta</i>	
Checking Violation Tolerance of Approaches to Database Integrity	139
<i>Hendrik Decker, Davide Martinenghi</i>	
A Metadata Repository Model to Integrate Heterogeneous Databases of Hardware Dependent Legacy Systems	149
<i>Ahmet Tümay, Kıvanç Dinçer, Özgür Yürekten, Müberra Sungur, Ahmet Dikici, Yusuf Tambağ</i>	

Semantic Web and Ontologies

Semantic Information Retrieval on the Web	158
<i>Ebru Sezer, Adnan Yazıcı, Ünal Yarımağan</i>	
Contextual Ontologies: Motivations, Challenges, and Solutions	168
<i>Djamal Benslimane, Ahmed Arara, Gilles Falquet, Zakaria Maamar, Philippe Thiran, Faiez Gargouri</i>	
Matchmaking of Semantic Web Services Using Semantic-Distance Information	177
<i>Mehmet Şenvar, Ayşe Bener</i>	

Ontology-Based Information Systems Development: The Problem of Automation of Information Processing Rules	187
<i>Olegas Vasilecas, Diana Bugaite</i>	

Data Mining and Knowledge Discovery

Data Mining with Parallel Support Vector Machines for Classification	197
<i>Tatjana Eitrich, Bruno Lang</i>	
Association-Rules Mining Based Broadcasting Approach for XML Data	207
<i>Cameron Chenier, J. James Jun, Jason Zhang, Tansel Özyer, Reda Alhajj</i>	
CSDTM a Cost Sensitive Decision Tree Based Method	217
<i>Walid Erray, Hakim Hacid</i>	
Comparative Analysis of Classification Methods for Protein Interaction Verification System	227
<i>Min Su Lee, Seung Soo Park</i>	
Distributed Architecture for Association Rule Mining	237
<i>Marko Banek, Damir Jurić, Ivo Pejaković, Zoran Skočir</i>	

Information Retrieval and Knowledge Representation

Automatic Lung Nodule Detection Using Template Matching	247
<i>Serhat Ozekes, A. Yilmaz Camurcu</i>	
MIGP: Medical Image Grid Platform Based on HL7 Grid Middleware	254
<i>Hai Jin, Aobing Sun, Qin Zhang, Ran Zheng, Ruhan He</i>	
Structural and Event Based Multimodal Video Data Modeling	264
<i>Hakan Öztarak, Adnan Yazıcı</i>	
Chat Mining for Gender Prediction	274
<i>Tayfun Kucukyilmaz, B. Barla Cambazoglu, Cevdet Aykanat, Fazli Can</i>	
Integrated Expert Management Knowledge on OSI Network Management Objects	284
<i>Antonio Martín, Carlos León, Félix Biscarri</i>	

Knowledge Integration in Information Systems Education Through an (Inter)active Platform of Analysis and Modelling Case Studies	294
<i>Birger Weynants, Jan Vanthienen, Joke Tisaun</i>	

Knowledge Management in Different Software Development Approaches	304
<i>Broderick Crawford, Carlos Castro, Eric Monfroy</i>	

Architecture of Information Systems

PMAP: Framework to Predicting Method Access Patterns for Materialized Methods	314
<i>Mariusz Masewicz, Robert Wrembel, Michal Stabno, Rafal Staniszewski</i>	

An Architecture Design Process Using a Supportable Meta-architecture and Roundtrip Engineering	324
<i>Halûk Gümüşkaya</i>	

Knowledge-Based Enterprise Modelling Framework	334
<i>Saulius Gudas, Rasa Brundzaite</i>	

A Network-Based Indexing Method for Trajectories of Moving Objects	344
<i>Kyoung-Sook Kim, Mario A. Lopez, Scott Leutenegger, Ki-Joune Li</i>	

Adaptive Enumeration Strategies and Metabacktracks for Constraint Solving	354
<i>Eric Monfroy, Carlos Castro, Broderick Crawford</i>	

FORBAC: A Flexible Organisation and Role-Based Access Control Model for Secure Information Systems	364
<i>Oumaima Saidani, Selmin Nurcan</i>	

Distributed and Wireless Information Systems

An Anycasting Protocol for Anonymous Access to a Group of Contents-Equivalent Servers in a Distributed System	377
<i>Alexander E. Kostin</i>	

A Wireless Broadcast Generation Scheme Considering Data Access Frequencies	387
<i>Yon Dohn Chung, Chang-Sup Park</i>	

Spreading Activation Model for Connectivity Based Clustering	398
<i>QingYuan Huang, JinShu Su, YingZhi Zeng, YongJun Wang</i>	
Personalized Fair Reputation Based Resource Allocation in Grid	408
<i>QingYuan Huang, YongJun Wang, JinShu Su, YingZhi Zeng</i>	
Author Index	419