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## Preface

The 12th International Conference on Database Systems for Advanced Applications (DASFAA), organized jointly by the Asian Institute of Technology, National Electronics and Computer Technology Center and Sirindhorn International Institute of Technology, sought to provide information to users and practitioners of database and database systems on advanced applications.

The DASFAA conference series has already established itself and it continues to attract, each year, participants from all over the world. In this context, it may be recalled that the previous DASFAA conferences were successfully held in Seoul, Korea (1989), Tokyo, Japan (1991), Daejeon, Korea (1993), Singapore (1995), Melbourne, Australia (1997), Taiwan, ROC (1999), Hong Kong (2001), Kyoto, Japan (2003), Jeju Island, Korea (2004), Beijing, China (2005) and Singapore (2006). Thailand had the opportunity to host this prestigious and important international conference and join the league.

This conference provides an international forum for academic exchanges and technical discussions among researchers, developers and users of databases from academia, business and industry. DASFAA focuses on research in database theory, development of advanced DBMS technologies and their advanced applications. It also promotes research and development activities in the field of databases among participants and their institutions from Pacific Asia and the rest of the world.

This proceedings volume puts together 112 accepted papers from more than 18 countries in the areas of XML Databases, Mobile Databases, Query Language, Query Optimization and Data Mining etc., of which 68 are full papers, 24 are short papers, 17 are posters and 3 are industrial track papers. The conference received 375 submissions and such a rigorous selections helped retain DASFAA's reputation as a highly selective conference that publishes only quality research.

We are delighted to feature two invited talks from Guy M. Lohman, IBM Almaden Research Center, and Masaru Kitsuregawa, University of Tokyo. DASFAA 2007 also featured an excellent tutorial program covering three tutorials related to Matching Words and Pictures, Time Series Databases, XML Databases and Streams. In addition, there were three demonstrations, panel sessions and two workshops.

The members of the DASFAA Organizing Committee worked extremely hard to make this conference a success. The members of the Program Committee, consisting of renowned data management experts, undertook the arduous task of reviewing all the submitted papers and invested their valuable time and expertise, despite their extremely tight schedules. We would like to thank all the reviewers who very carefully reviewed the papers on time, the authors who submitted their papers and all the participants.

We are grateful to Alfred Hofmann and the staff of Springer for their support in publishing these proceedings.

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April 2007

Ramamohanarao Kotagiri  
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# Table of Contents

## Invited Talks

‘Socio Sense’ and ‘Cyber Infrastructure for Information Explosion Era’: Projects in Japan . . . . .	1
<i>Masaru Kitsuregawa</i>	
Is (Your) Database Research Having Impact? . . . . .	3
<i>Guy M. Lohman</i>	

## Part I: Full Papers

### Query Language and Query Optimization - I

Improving Quality and Convergence of Genetic Query Optimizers . . . . .	6
<i>Victor Muntés-Mulero, Néstor Lafón-Gracia, Josep Aguilar-Saborit, and Josep-L. Larriba-Pey</i>	
Cost-Based Query Optimization for Multi Reachability Joins . . . . .	18
<i>Jiefeng Cheng, Jeffrey Xu Yu, and Bolin Ding</i>	
A Path-Based Approach for Efficient Structural Join with Not-Predicates . . . . .	31
<i>Hanyu Li, Mong Li Lee, Wynne Hsu, and Ling Li</i>	

### Query Language and Query Optimization - II

RRPJ: Result-Rate Based Progressive Relational Join . . . . .	43
<i>Wee Hyong Tok, Stéphane Bressan, and Mong-Li Lee</i>	
GChord: Indexing for Multi-Attribute Query in P2P System with Low Maintenance Cost . . . . .	55
<i>Minqi Zhou, Rong Zhang, Weining Qian, and Aoying Zhou</i>	
ITREKS: Keyword Search over Relational Database by Indexing Tuple Relationship . . . . .	67
<i>Jiang Zhan and Shan Wang</i>	

### Data Mining and Knowledge Discovery

An MBR-Safe Transform for High-Dimensional MBRs in Similar Sequence Matching . . . . .	79
<i>Yang-Sae Moon</i>	
Mining Closed Frequent Free Trees in Graph Databases . . . . .	91
<i>Peixiang Zhao and Jeffrey Xu Yu</i>	
Mining Time-Delayed Associations from Discrete Event Datasets . . . . .	103
<i>K.K. Loo and Ben Kao</i>	

## Clustering

- A Comparative Study of Ontology Based Term Similarity Measures on PubMed Document Clustering ..... 115  
*Xiaodan Zhang, Liping Jing, Xiaohua Hu, Michael Ng, and Xiaohua Zhou*
- An Adaptive and Efficient Unsupervised Shot Clustering Algorithm for Sports Video ..... 127  
*Jia Liao, Guoren Wang, Bo Zhang, Xiaofang Zhou, and Ge Yu*
- A Robust Feature Normalization Scheme and an Optimized Clustering Method for Anomaly-Based Intrusion Detection System ..... 140  
*Jungsuk Song, Hiroki Takakura, Yasuo Okabe, and Yongjin Kwon*
- Detection and Visualization of Subspace Cluster Hierarchies ..... 152  
*Elke Aichert, Christian Böhm, Hans-Peter Kriegel, Peer Kröger, Ina Müller-Gorman, and Arthur Zimek*

## Outlier Detection

- Correlation-Based Detection of Attribute Outliers ..... 164  
*Judice L.Y. Koh, Mong Li Lee, Wynne Hsu, and Kai Tak Lam*
- An Efficient Histogram Method for Outlier Detection ..... 176  
*Matthew GebSKI and Raymond K. Wong*

## Privacy Preserving Data Mining

- Efficient  $k$ -Anonymization Using Clustering Techniques ..... 188  
*Ji-Won Byun, Ashish Kamra, Elisa Bertino, and Ninghui Li*
- Privacy Preserving Data Mining of Sequential Patterns for Network Traffic Data ..... 201  
*Seung-Woo Kim, Sanghyun Park, Jung-Im Won, and Sang-Wook Kim*
- Privacy Preserving Clustering for Multi-party ..... 213  
*Weijia Yang and Shangteng Huang*
- Privacy-Preserving Frequent Pattern Sharing ..... 225  
*Zhihui Wang, Wei Wang, Baile Shi, and S.H. Boey*

## Parallel and Distributed Databases

- $K_n$ Best - A Balanced Request Allocation Method for Distributed Information Systems ..... 237  
*Jorge-Arnulfo Quiané-Ruiz, Philippe Lamarre, and Patrick Valduriez*
- The Circular Two-Phase Commit Protocol ..... 249  
*Heine Kolltveit and Svein-Olaf Hvasshovd*
- Towards Timely ACID Transactions in DBMS ..... 262  
*Marco Vieira, António C. Costa, and Henrique Madeira*



## Data Warehouse

- BioDIFF: An Effective Fast Change Detection Algorithm for Biological Annotations . . . . . 275  
*Yang Song, Sourav S. Bhowmick, and C. Forbes Dewey Jr.*
- An Efficient Implementation for MOLAP Basic Data Structure and Its Evaluation . . . . . 288  
*K.M. Azharul Hasan, Tatsuo Tsuji, and Ken Higuchi*

## Information Retrieval

- Monitoring Heterogeneous Nearest Neighbors for Moving Objects Considering Location-Independent Attributes . . . . . 300  
*Yu-Chi Su, Yi-Hung Wu, and Arbee L.P. Chen*
- Similarity Joins of Text with Incomplete Information Formats . . . . . 313  
*Shaoxu Song and Lei Chen*
- Self-tuning in Graph-Based Reference Disambiguation . . . . . 325  
*Rabia Nuray-Turan, Dmitri V. Kalashnikov, and Sharad Mehrotra*
- Probabilistic Nearest-Neighbor Query on Uncertain Objects . . . . . 337  
*Hans-Peter Kriegel, Peter Kunath, and Matthias Renz*

## Indexing and Caching Databases

- Making the Most of Cache Groups . . . . . 349  
*Andreas Böhmann and Theo Härder*
- Construction of Tree-Based Indexes for Level-Contiguous Buffering Support . . . . . 361  
*Tomáš Skopal, David Hoksza, and Jaroslav Pokorný*
- A Workload-Driven Unit of Cache Replacement for Mid-Tier Database Caching . . . . . 374  
*Xiaodan Wang, Tanu Malik, Randal Burns, Stratos Papadomanolakis, and Anastassia Ailamaki*
- J<sup>+</sup>-Tree: A New Index Structure in Main Memory . . . . . 386  
*Hua Luan, Xiaoyong Du, Shan Wang, Yongzhi Ni, and Qiming Chen*
- CST-Trees: Cache Sensitive T-Trees . . . . . 398  
*Ig-hoon Lee, Junho Shim, Sang-goo Lee, and Jonghoon Chun*

## Security and Integrity Maintenance

- Specifying Access Control Policies on Data Streams . . . . . 410  
*Barbara Carminati, Elena Ferrari, and Kian Lee Tan*
- Protecting Individual Information Against Inference Attacks in Data Publishing . . . . . 422  
*Chen Li, Houtan Shirani-Mehr, and Xiaochun Yang*
- Quality Aware Privacy Protection for Location-Based Services . . . . . 434  
*Zhen Xiao, Xiaofeng Meng, and Jianliang Xu*