



38<sup>th</sup> International Conference on Very Large Data Bases, Istanbul, Turkey



# Proceedings of the VLDB Endowment

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**Proceedings of the 38th International Conference on  
Very Large Data Bases, Istanbul, Turkey**

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## TABLE OF CONTENTS

### Front Matter

Copyright Notice .....	ii
Table of Contents .....	iii
PVLDB Review Board .....	vii

### Letters

Letter from the Editor-in-Chief .....	x
..... <i>Z. Meral Özsoyoglu</i>	

### Research Track Papers

A Scalable Algorithm for Maximizing Range Sum in Spatial Databases .....	1088
..... <i>Dong-Wan Choi, Chin-Wan Chung, Yufei Tao</i>	
Spatial Queries with Two kNN Predicates .....	1100
..... <i>Ahmed M. Aly, Walid G. Aref, Mourad Ouzzani</i>	
Optimal Algorithms for Crawling a Hidden Database in the Web .....	1112
..... <i>Cheng Sheng, Nan Zhang, Yufei Tao, Xin Jin</i>	
Diversifying Top-K Results .....	1124
..... <i>Lu Qin, Jeffrey Xu Yu, Lijun Chang</i>	
Keyword-aware Optimal Route Search .....	1136
..... <i>Xin Cao, Lisi Chen, Gao Cong, Xiaokui Xiao</i>	
Answering Queries using Views over Probabilistic XML: Complexity and Tractability .....	1148
..... <i>Bogdan Cautis, Evgeny Kharlamov</i>	
Probabilistic Databases with MarkoViews .....	1160
..... <i>Abhay Jha, Dan Suciu</i>	
The Complexity of Social Coordination .....	1172
..... <i>Konstantinos Mamouras, Sigal Oren, Lior Seeman, Lucja Kot, Johannes Gehrke</i>	
Efficient Multi-way Theta-Join Processing Using MapReduce .....	1184
..... <i>Xiaofei Zhang, Lei Chen, Min Wang</i>	
Stubby: A Transformation-based Optimizer for MapReduce Workflows .....	1196
..... <i>Harold Lim, Herodotos Herodotou, Shivnath Babu</i>	
Labeling Workflow Views with Fine-Grained Dependencies .....	1208
..... <i>Zhuowei Bao, Susan B. Davidson, Tova Milo</i>	

Fundamentals of Order Dependencies .....	1220
..... <i>Jaroslaw Szlichta, Parke Godfrey, Jarek Gryz</i>	
FDB: A Query Engine for Factorised Relational Databases .....	1232
..... <i>Nurzhan Bakibayev, Dan Olteanu, Jakub Závodný</i>	
Optimization of Analytic Window Functions .....	1244
..... <i>Yu Cao, Chee-Yong Chan, Jie Li, Kian-Lee Tan</i>	
Opening the Black Boxes in Data Flow Optimization .....	1256
..... <i>Fabian Hueske, Mathias Peters, Matthias Sax, Astrid Rheinländer, Rico Bergmann, Aljoscha Krettek, Kostas Tzoumas</i>	
Spinning Fast Iterative Data Flows .....	1268
..... <i>Stephan Ewen, Kostas Tzoumas, Moritz Kauffmann, Volker Markl</i>	
REX: Recursive, Delta-Based Data-Centric Computation .....	1280
..... <i>Svilen R. Mihaylov, Zachary G. Ives, Sudipto Guha</i>	
K-Reach: Who is in Your Small World .....	1292
..... <i>James Cheng, Zechao Shang, Hong Cheng, Haixun Wang, Jeffrey Xu Yu</i>	
Performance Guarantees for Distributed Reachability Queries .....	1304
..... <i>Wenfei Fan, Xin Wang, Yinghui Wu</i>	
Efficient Indexing and Querying over Syntactically Annotated Trees .....	1316
..... <i>Pirooz Chubak, Davood Rafiei</i>	
Queries with Guarded Negation .....	1328
..... <i>Vince Barany, Balder ten Cate, Martin Otto</i>	
PrivBasis: Frequent Itemset Mining with Differential Privacy .....	1340
..... <i>Ninghui Li, Wahbeh Qardaji, Dong Su, Jianpeng Cao</i>	
Low-Rank Mechanism: Optimizing Batch Queries under Differential Privacy .....	1352
..... <i>Ganzhao Yuan, Zhenjie Zhang, Marianne Winslett, Xiaokui Xiao, Yin Yang, Zhifeng Hao</i>	
Functional Mechanism: Regression Analysis under Differential Privacy .....	1364
..... <i>Jun Zhang, Zhenjie Zhang, Xiaokui Xiao, Yin Yang, Marianne Winslett</i>	
Injecting Uncertainty in Graphs for Identity Obfuscation .....	1376
..... <i>Paolo Boldi, Francesco Bonchi, Aris Gionis, Tamir Tassa</i>	
Publishing Microdata with a Robust Privacy Guarantee .....	1388
..... <i>Jianpeng Cao, Panagiotis Karras</i>	
Measuring Two-Event Structural Correlations on Graphs .....	1400
..... <i>Ziyu Guan, Xifeng Yan, Lance M. Kaplan</i>	
Ranking Large Temporal Data .....	1412
..... <i>Jeffrey Jesters, Jeff M. Phillips, Feifei Li, Mingwang Tang</i>	

Compacting Transactional Data in Hybrid OLTP & OLAP Databases .....	1424
..... <i>Florian Funke, Alfons Kemper, Thomas Neumann</i>	
Processing a Trillion Cells per Mouse Click .....	1436
..... <i>Alexander Hall, Olaf Bachmann, Robert Büssow, Silviu Gănceanu, Marc Nunkesser</i>	
OLTP on Hardware Islands .....	1447
..... <i>Danica Porobic, Ippokratis Pandis, Miguel Branco, Pınar Tözün, Anastasia Ailamaki</i>	
Serializability, not Serial: Concurrency Control and Availability in Multi-Datacenter Datastores .....	1459
..... <i>Stacy Patterson, Aaron J. Elmore, Faisal Nawab, Divyakant Agrawal, Amr El Abbadi</i>	
Automatic Partitioning of Database Applications .....	1471
..... <i>Alvin Cheung, Owen Arden, Samuel Madden, Andrew C. Myers</i>	
CrowdER: Crowdsourcing Entity Resolution .....	1483
..... <i>Jiannan Wang, Tim Kraska, Michael J. Franklin, Jianhua Feng</i>	
Whom to Ask? Jury Selection for Decision Making Tasks on Micro-blog Services .....	1495
..... <i>Caleb Chen CAO, Jieying She, Yongxin Tong, Lei Chen</i>	
ALAE: Accelerating Local Alignment with Affine Gap Exactly in Biosequence Databases .....	1507
..... <i>Xiaochun Yang, Honglei Liu, Bin Wang</i>	
sDTW: Computing DTW Distances using Locally Relevant Constraints based on Salient Feature Alignments .....	1519
..... <i>K. Selçuk Candan, Rosaria Rossini, Maria Luisa Sapino, Xiaolan Wang</i>	
SCOUT: Prefetching for Latent Feature Following Queries .....	1531
..... <i>Farhan Tauheed, Thomas Heinis, Felix Shürmann, Henry Markram, Anastasia Ailamaki</i>	
Accelerating Pathology Image Data Cross-Comparison on CPU-GPU Hybrid Systems .....	1543
..... <i>Kaibo Wang, Yin Huai, Rubao Lee, Fusheng Wang, Xiaodong Zhang, Joel H. Saltz</i>	
Robust Estimation of Resource Consumption for SQL Queries using Statistical Techniques .....	1555
..... <i>Jiexing Li, Arnd Christian König, Vivek Narasayya, Surajit Chaudhuri</i>	
Who Tags What? An Analysis Framework .....	1567
..... <i>Mahashweta Das, Saravanan Thirumuruganathan, Sihem Amer-Yahia, Gautam Das, Cong Yu</i>	
A Generic Framework for Efficient and Effective Subsequence Retrieval .....	1579
..... <i>Haohan Zhu, George Kollios, Vassilis Athitsos</i>	
Only Aggressive Elephants are Fast Elephants .....	1591
..... <i>Jens Dittrich, Jorge-Arnulfo Quiané-Ruiz, Stefan Richter, Stefan Schuh, Alekh Jindal, Jörg Schad</i>	
Multiple Location Profiling for Users and Relationships from Social Network and Content .....	1603
..... <i>Rui Li, Shengjie Wang, Kevin Chen-Chuan Chang</i>	

Flash-based Extended Cache for Higher Throughput and Faster Recovery .....	1615
..... <i>Woon-Hak Kang, Sang-Won Lee, Bongki Moon</i>	
Don't Thrash: How to Cache Your Hash on Flash .....	1627
..... <i>Michael A. Bender, Martin Farach-Colton, Rob Johnson, Russell Krainer, Bradley C. Kuszmaul, Dzejla Medjedovic, Pablo Montes, Pradeep Shetty, Richard P. Spillane, Erez Zadok</i>	
Learning Expressive Linkage Rules using Genetic Programming .....	1638
..... <i>Robert Isele, Christian Bizer</i>	

## **Experiments and Analysis Track Papers**

Mining Frequent Itemsets over Uncertain Databases .....	1650
..... <i>Yongxin Tong, Lei Chen, Yurong Cheng, Philip S. Yu</i>	
Uncertain Time-Series Similarity: Return to the Basics .....	1662
..... <i>Michele Dallachiesa, Besmira Nushi, Katsiaryna Mirylenka, Themis Palpanas</i>	
Statistical Distortion: Consequences of Data Cleaning .....	1674
..... <i>Tamraparni Dasu, Ji Meng Loh</i>	
Towards Energy-Efficient Database Cluster Design .....	1684
..... <i>Willis Lang, Stavros Harizopoulos, Jignesh M. Patel, Mehul A. Shah, Dimitris Tsirogiannis</i>	

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