

List of Accepted Papers

Contributed by Pablo Guerrero
Saturday, 03 November 2007
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The list of accepted papers is already available.

- Research Full Presentations (75)
- Research Short Presentations (44)
- Research Poster Presentations (72)
- Industrial Full Presentations (10)
- Industrial Short Presentations (3)
- Industrial Poster Presentations (4)
- Demos (23)

Research Full Presentations (75)

- Muse: Mapping Understanding and deSign by Example

Bogdan Alexe (UC Santa Cruz), Laura Chiticariu (UC Santa Cruz), Renee Miller (University of Toronto), Wang-Chiew Tan (UC Santa Cruz)

- Transformation-based Framework for Record Matching

Arvind Arasu, Surajit Chaudhuri (Microsoft Research, USA), Raghav Kaushik (Microsoft Research)

- Usage-based schema matching

Hazem Elmeleegy (Purdue University), Mourad Ouzzani (Purdue University), Ahmed Elmagarmid (Purdue University)

- Clip: a Visual Language for Explicit Schema Mappings

Alessandro Raffio (Politecnico di Milano), Daniele Braga (Politecnico Di Milano), Stefano Ceri (Politecnico Di Milano), Mauricio Hernandez (IBM Almaden Research Center), Paolo Papotti (Università di Roma Tre)

- Querying data under access limitations

Andrea Cali (University of Oxford), Davide Martinenghi (Free University of Bolzano)

- CARE: Finding Local Linear Correlations in High Dimensional Data

Xiang Zhang (University of North Carolina at Chapel Hill, USA), Feng Pan, Wei Wang (University of North Carolina at Chapel Hill, USA)

- Mining Approximate Order Preserving Clusters in the Presence of Noise

Mengsheng Zhang (University of North Carolina at Chapel Hill, USA), Wei Wang (University of North Carolina at Chapel Hill, USA), Jinze Liu

- Trajectory Outlier Detection: A Partition-and-Detect Framework

Jae-Gil Lee (University of Illinois at Urbana-Champaign), Jiawei Han (University of Illinois at Urbana-Champaign), Xiaolei Li (University of Illinois at Urbana-Champaign)

- Training Linear Discriminant Analysis in Linear Time

Deng Cai (University of Illinois at Urbana-Champaign)

- Direct Discriminative Pattern Mining for Effective Classification

Hong Cheng (University of Illinois), Xifeng Yan (IBM T. J. Watson Research Center), Jiawei Han (University of Illinois at Urbana-Champaign), Philip Yu (IBM T. J. Watson Research Center)

- Verifying and Mining Frequent Patterns from Large Windows over Data Streams

Barzan Mozafari (University of California at Los Angeles), Hetal Thakkar (University of California at Los Angeles' student), Carlo Zaniolo (University of California at Los Angeles)

- On Signatures for Communication Graphs

Graham Cormode (AT&T Labs Research), Flip Korn (AT&T Labs),

Muthu Muthukrishnan (Rutgers University), Yihua Wu (Rutgers University)

- Robust Stratified Sampling Plans for Low Selectivity Queries

Shantanu Joshi (University of Florida), Christopher Jermaine (University of Florida)

- Parallel Evaluation of Composite Aggregate Queries

Lei Chen (Univ. Wisconsin - Madison), Christopher Olston (Yahoo! Research), Raghu Ramakrishnan (Yahoo! Research, USA)

- P-Cube: Answering Preference Queries in Multi-Dimensional Space

Dong Xin (UIUC), Jiawei Han (University of Illinois at Urbana-Champaign)

- Mining (Social) Network Graphs to Detect Random Link Attacks

Nisheeth Shrivastava (Bell Labs Research, India), Anirban Majumder, Rajeev Rastogi (Bell Labs Research India)

- Auditing SQL Queries

Rajeev Motwani, Shubha Nabar (Stanford University), Dilys Thomas

- Optimal Boolean Matrix Decomposition: Application to Role Engineering

Haibing Lu (Rutgers University), Jaideep Vaidya (Rutgers University), Vijay Atluri (Rutgers University)

- SpaceTwist: Managing the Trade-Offs Among Location Privacy, Query Performance, and Query Accuracy in Mobile Services

Man Lung Yiu (Aalborg University, Denmark), Christian Jensen (Aalborg University), Xuegang Huang (Aalborg University), Hua Lu (Aalborg University)

- On Unifying Privacy and Uncertain Data Models

Charu Aggarwal (IBM T. J. Watson Research Center, USA)

- Never Walk Alone: Uncertainty for Anonymity in Moving Objects Databases

Francesco Bonchi (KDD Lab - ISTI, C.N.R.), Osman Abul, Mirco Nanni

- A Hybrid Approach to Private Record Linkage

Ali Inan (University of Texas at Dallas), Murat Kantarcioglu (University of Texas at Dallas), Elisa Bertino (Purdue University, USA), Monica Scannapieco (Universita di Roma "La Sapienza")

- Privacy: Theory meets Practice on the Map

Ashwin Machanavajjhala (Cornell University), Daniel Kifer (Cornell University), John Abowd (Cornell University), Johannes Gehrke (Cornell University), Lars Vilhuber (Cornell University)

- Preserving Privacy in Social Networks against Neighborhood Attacks

Bin Zhou (Simon Fraser University, Canada), Jian Pei (Simon Fraser University, Canada)

- Efficient Construction of Compact Shedding Filters for Data Stream Processing

Bugra Gedik (IBM T. J. Watson Research Center), Kun-Lung Wu (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center)

- A Framework for Clustering Uncertain Data Streams

Charu Aggarwal (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center)

- A Security Punctuation Framework for Enforcing Access Control on Streaming Data

Rimma Nehme (Purdue University), Elke Rundensteiner (Worcester Polytechnic Institute), Elisa Bertino (Purdue University, USA)

- Randomized Synopses for Query Assurance on Data Streams

Ke Yi (AT&T Labs), Feifei Li (Boston University), Marios Hadjieleftheriou (AT&T Labs Inc.), Divesh Srivastava (AT&T Labs Inc.), George Kollios (Boston University)

- Increasing Expressivity of Conditional Functional Dependencies without Extra Charge of Complexity

Floris Geerts (University of Edinburgh), Wenfei Fan (University of Edinburgh), Shuai Ma (University of Edinburgh), Loreto Bravo (University of Edinburgh)

- Lattice Histograms: a Resilient Synopsis Structure

Panagiotis Karras (University of Zurich), Nikos Mamoulis (University of Hong Kong)

- Efficient Constraint Monitoring Using Adaptive Thresholds

Srinivas Kashyap (University of Maryland), Jai Ramamirtham, Rajeev Rastogi (Bell Labs Research India), Pushpraj Shukla (University of Texas at Austin)

- Efficient Merging and Filtering Algorithms for Approximate String Searches

Chen Li (University of California at Irvine), Jiaheng Lu (CallIT2, UC Irvine), Yiming Lu (UC Irvine)

- Dominant Graph: An Efficient Indexing Structure to Answer Top-K Queries

Lei Zou (Huazhong Univ. of Sci. & Tech.), Lei Chen (HKUST)

- Efficient Online Computation of Diverse Query Results

Erik Vee (Yahoo! Research), Utkarsh Srivastava (Yahoo! Research), Jayavel Shanmugasundaram (Yahoo! Research), Prashant Bhat (Yahoo! Research), Sihem Amer-Yahia (Yahoo! Research)

- The Cost of Serializability on Platforms That Use Snapshot

Mohammad Alomari (University of Sydney), Michael Cahill (University of Sydney), Alan Fekete (University of Sydney), Uwe Roehm (University of Sydney)

- Scalable Rule-Based Gene Expression Data Classification

Mark Iwen (University of Michigan), Jignesh Patel (University of Michigan), Willis Lang (University of Michigan)

- TALE: A Tool for Approximate Large Graph Matching

Yuanyuan Tian (University of Michigan), Jignesh Patel (University of Michigan)

- Querying and Managing Provenance through User Views in Scientific Workflows

Biton Olivier (University of Pennsylvania), Sarah Cohen-Boulakia (University of Pennsylvania), Susan Davidson (University of Pennsylvania), Carmem Hara (U. Federal do Parana)

- Sideways Information Passing for Push-Style Query Processing

Zachary Ives (University of Pennsylvania), Nicholas Taylor (University of Pennsylvania)

- Flow Algorithms for Parallel Query Optimization

Amol Deshpande (University of Maryland at Coll), Lisa Hellerstein (Polytechnic University, Brooklyn, NY)

- Parallel Distributed Processing of Constrained Skyline Queries by Filtering

Bin Cui (Peking University, China), Hua Lu (Aalborg University, Denmark), Quanqing Xu (Peking University), Lijiang Chen (Peking University), Yafei Dai (Peking University), Yongluan Zhou (EPFL)

- XML processing in DHT networks

Serge Abiteboul (INRIA Futurs & Paris XI), Ioana Manolescu (INRIA Futurs), Neoklis Polyzotis (University of California Santa Cruz), Nicoleta Preda (INRIA Futurs), Chong Sun

- Network-Aware Join Processing in Global-Scale Database Federations

Xiaodan Wang (Johns Hopkins University), Randal Burns (Johns Hopkins University), Andreas Terzis (Johns Hopkins University), Amol Deshpande (University of Maryland at Coll)

- Robust runtime optimization of data transfer in queries over Web Services

Anastasios Gounaris (University of Cyprus), Christos Yfoulis, Rizos Sakellariou, Marios Dikaiakos

- Building Community Wikipedias: A Machine-Human Partnership Approach

Pedro DeRose, Xiaoyong Chai (Univ. of Wisconsin at Madison), Byron Gao, Warren Shen (University of Wisconsin at Madison), Anhai Doan (University of Wisconsin-Madison, USA), Philip Bohannon (Yahoo! Research, USA), Xiaojin Zhu

- Self-Join Size Estimation in P2P Data Systems

Theoni Pitoura (RACTI and University of Patras), Peter Triantafillou (University of Patras)

- Simultaneous Equation Systems for Query Processing on Continuous-Time Data Streams

Yanif Ahmad (Brown University), Olga Papaemmanouil (Brown University), Ugur Cetintemel (Brown University), Jennie Rogers (Brown University)

- Fast and Highly-Available Stream Processing over Wide Area Networks

Jeong-Hyon Hwang (Brown University), Ugur Cetintemel (Brown University), Stan Zdonik (Brown University)

- Optimizing SQL Queries over Text Databases

Alpa Jain (Columbia University), Anhai Doan (University of Wisconsin-Madison, USA), Luis Gravano (Columbia University)

- Efficient Online Subsequence Searching in Data Streams under Dynamic Time Warping Distance

Mi ZHOU (Jinan University), Wong Man Hon (CSE, CUHK)

- Fast and Simple Relational Processing of Uncertain Data

Lyublena Antova (Cornell University), Thomas Jansen (Saarland University), Christoph Koch (Saarland University), Dan Olteanu (Universitaet des Saarlandes)

- Constant Time Query Processing

Vijayshankar Raman (IBM Almaden Research Center), Garret Swart (IBM Almaden Research Center), Lin Qiao (IBM Almaden Research Center), Frederick Reiss (IBM Almaden Research Center), Vijay Dialani (IBM Almaden Research Center), Donald Kossmann (ETH Zurich), Inderpal Narang (IBM Almaden Research Center), Richard Sidle (IBM Almaden Research Center)

- Set Similarity Selection Queries at Interactive Speeds

Marios Hadjieleftheriou (AT&T Labs Inc.), Amit Chandel (University of Toronto), Nick Koudas (University of Toronto), Divesh Srivastava (AT&T Labs Inc.)

- Runtime Semantic Query Optimization for Event Stream Processing

Luping Ding (Worcester Polytechnic Institute), Songting Chen (NEC Laboratories America), Elke Rundensteiner (Worcester Polytechnic Institute), Junichi Tatemura (NEC Laboratories America), Wang-Pin Hsiung (NEC Laboratories America), K. Selcuk Candan (NEC Laboratories America)

- COLR-Tree: Communication Efficient Spatio-Temporal Index for a Sensor Data Web Portal

Yanif Ahmad (Brown University), Suman Nath (Microsoft Research)

- Region Sampling: Continuous Adaptive Sampling on Sensor Networks

Song Lin (UC Riverside), Benjamin Arai, Dimitrios Gunopulos, Gautam Das

- Skyline Query Processing for Incomplete Data

Mohamed Khalefa (University of Minnesota), Mohamed Mokbel (University of Minnesota, TC), Justin Levandoski (University of Minnesota)

- Keyword Search on Spatial Databases

Ian De Felipe, Vagelis Hristidis (Florida International University), Naphtali Rishe

- A Fast Similarity Join Algorithm using Graphics Processing Units

Michael Lieberman (UMD), Jagan Sankaranarayanan (University of Maryland), Hanan Samet (University of Maryland, College Park)

- Top-k Spatial Joins of Probabilistic Objects

Vebjørn Ljøsa (Broad Institute, MIT), Ambuj Singh (UCSB)

- Efficient Rewriting Algorithms for Preference Queries

Periklis Georgiadis (Dept. of Computer Science, University of Crete, Greece), Ioannis Kapantaidakis (Dept. of Computer Science, University of Crete, Greece), Vassilis Christophides (Institute of Computer Science, FORTH, Greece), Elhadji Mamadou Nguer (L.R.I., Université Paris Sud, France), Nicolas Spyrtatos (L.R.I., Université Paris Sud, France)

- Toward Expressive and Scalable Sponsored Search Auctions

David Martin (Cornell University), Johannes Gehrke (Cornell University), Joseph Halpern (Cornell University)

- An Algebraic Approach to Rule-Based Information
Extraction

Frederick Reiss (IBM Almaden Research Center), Sriram Raghavan (IBM),
Rajasekar Krishnamurthy, Huaiyu Zhu, Shivakumar Vaithyanathan (IBM)

- A Motion-Aware Approach to Continuous Retrieval of 3D
Objects

Mohammed Ali (University of Melbourne), Rui Zhang (University of
Melbourne), Egemen Tanin (University of Melbourne), Lars Kulik
(University of Melbourne)

- Continuous Content-Based Copy Detection over Streaming
Videos

Ying Yan (Fudan University), Beng Chin Ooi (National University of
Singapore), Aoying Zhou (Fudan University)

- Continuous Intersection Joins Over Moving Objects

Rui Zhang (University of Melbourne), Dan Lin (Purdue University),
Kotagiri Ramamohanarao (University of Melbourne, Australia), Elisa
Bertino (Purdue University, USA)

- Probabilistic Verifiers: Evaluating Constrained
Nearest-Neighbor Queries over Uncertain Data

Reynold Cheng (Hong Kong Polytechnic University), Jinchuan Chen (Hong
Kong Polytechnic University), Mohamed Mokbel (University of Minnesota,
TC), Chi-Yin Chow

- Spatial Outsourcing for Location-based Services

Yin Yang (HKUST), Stavros Papadopoulos (HKUST), Dimitris Papadias (Hong
Kong University of Science and Technology), George Kollios (Boston
University)

- Efficient Information Extraction over Evolving Text

Fei Chen (University of Wisconsin-Madison), Anhai Doan (University of
Wisconsin-Madison), Jun Yang (Duke University), Raghu Ramakrishnan
(Yahoo! Research)

- NAGA: Searching and Ranking Knowledge

Gjergji Kasneci (Max-Planck Institute), Fabian Suchanek (Max-Planck Institute), Georgiana Ifrim (Max-Planck Institute), Maya Ramanath (Max-Planck Institute), Gerhard Weikum (Max-Planck Institute for Informatics)

- Approximate Joins for Data Centric XML

Nikolaus Augsten (Free University of Bozen), Michael Boehlen (Free University of Bolzano-Bozen), Curtis Dyreson (Washington State University), Johann Gamper (Free University of Bozen-Bolzano)

- The space complexity of processing XML twig queries

Ziv Bar-Yossef (Technion, Israel), Mirit Shalem (Technion, Israel)

- XML Index Recommendation with Tight Optimizer Coupling

Iman Elghandour (University of Waterloo), Ashraf Aboulnaga (University of Waterloo), Daniel Zilio (IBM Toronto Lab), Fei Chiang (University of Toronto), Andrey Balmin (IBM Almaden Research Center), Kevin Beyer (IBM Almaden Research Center), Calisto Zuzarte (IBM Toronto Lab, Canada)

- XML Prefiltering as a String Matching Problem

Christoph Koch (Saarland University), Stefanie Scherzinger (Saarland University), Michael Schmidt (Freiburg University)

- Efficient Processing of XML Update Streams

Leonidas Fegaras (University of Texas at Arlington)

Research Short Presentations (44)

- Validating Multi-column Schema Matchings by Type

Bing Tian Dai (National University of Singapore), Nick Koudas (University of Toronto), Divesh Srivastava (AT&T Labs Inc.), Anthony Tung (NUS), Suresh Venkatasubramanian (University of Utah)

- LOCUST: An Online Analytical Processing Framework for High Dimensional Classification of Data Streams

Charu Aggarwal (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center)

- k-Anonymization Revisited

Tamir Tassa (The Open University of Israel), Aristides Gionis, Arnon Mazza

- RiTE: Providing On-Demand Data for Right-Time Data Warehousing

Christian Thomsen (Aalborg University), Torben Bach Pedersen (Aalborg University), Wolfgang Lehner (Dresden University of Technology)

- Summarizing Graph Patterns

Liu Yong (HIT)

- Compact Similarity Joins

Brent Bryan (Carnegie Mellon University), Frederick Eberhardt (Carnegie Mellon University), Christos Faloutsos (Carnegie Mellon University)

- Standing Out in a Crowd: Selecting Attributes for Maximum Visibility

Muhammed Miah (University of Texas Arlington), Gautam Das, Vagelis Hristidis (Florida International University), Heikki Mannila (University of Helsinki)

- Injector: Mining Background Knowledge for Data Anonymization

Tiancheng Li (Purdue University), Ninghui Li (Purdue University)

- Efficient Data Authentication in an Environment of Untrusted Third-Party Distributors

Mikhail Atallah (Purdue University), YounSun Cho (Purdue University),
Ashish Kundu (Purdue University)

- OptRR: Optimizing Randomized Response Schemes for
Privacy-Preserving Data Mining

Zhengli Huang (Syracuse University), Wenliang Du (Syracuse University)

- On the Anonymization of Sparse High-Dimensional Data

Gabriel Ghinita (National Univ. of Singapore), Yufei Tao (Chinese
University of Hong Kong), Panos Kalnis (NUS)

- On Anti-Corruption Privacy Preserving Publication

Yufei Tao (Chinese University of Hong Kong), Xiaokui Xiao (Chinese
University of Hong Kong), Jiexing Li (Chinese University of Hong Kong),
Donghui Zhang (Northeastern University)

- Butterfly: Protecting Output Privacy in Stream Mining

Ting Wang (Georgia Tech), Ling Liu (Georgia Tech)

- Similar Document Detection with Limited Information
Disclosure

Wei Jiang (Purdue University), Mummoorthy Murugesan (Purdue
University), Chris Clifton (Purdue University), Luo Si (Purdue
University)

- Just-In-Time Processing of Continuous Queries

Yin Yang (Hong Kong University of Science and Technology), Dimitris
Papadias (Hong Kong University of Science and Technology)

- Online Filtering, Smoothing and Probabilistic Modeling
of Streaming data

Bhargav Kanagal (University of Maryland), Amol Deshpande (University of
Maryland at Coll)

- Stop Chasing Trends: Discovering High Order Models in Evolving Data

Shixi Chen (Fudan University), Haixun Wang (IBM T J Watson Research Center), Shuigeng Zhou (Fudan University), Philip Yu (IBM T. J. Watson Research Center)

- Handling Non-linear Polynomials over Dynamic Data

Shetal Shah (IIT Bombay), Krithi Ramamritham

- XStream: A Signal-Oriented Data Stream Management System

Lewis Girod (MIT/CSAIL), Yuan Mei (MIT/CSAIL), Ryan Newton (MIT/CSAIL), Stanislav Rost (MIT/CSAIL), Arvind Thiagarajan (MIT/CSAIL), Hari Balakrishnan (MIT/CSAIL), Samuel Madden (MIT)

- Database support for pdf attributes

Sarveet Singh (Purdue University), Christopher Mayfield (Purdue University), Rahul Shah (Purdue University), Sunil Prabhakar (Purdue University), Susanne Hambrusch (Purdue University), Jennifer Neville (Purdue University), Reynold Cheng (Hong Kong Polytechnic University)

- Greedy List Intersection

Robert Krauthgamer (Weizmann Institute), Aranyak Mehta (IBM Almaden Research Center), Vijayshankar Raman (IBM Almaden Research Center), Atri Rudra (University of Washington)

- Fast Graph Pattern Matching

Jiefeng Cheng (CUHK), Jeffrey Xu Yu (CUHK), Bolin Ding (CUHK), Haixun Wang (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center)

- Dynamic Materialization of Query Views for Data Warehouse Workloads

Thomas Phan (IBM Research), Wen-Syan Li (IBM)

- Diagnosing Estimation Errors in Page Counts using Execution Feedback

Surajit Chaudhuri (Microsoft Research, USA), Vivek Narasayya (Microsoft Research), Ravishankar Ramamurthy (Microsoft Research)

- Exploiting Lineage for Confidence Computation in Uncertain and Probabilistic Databases

Anish Das Sarma (Stanford University), Martin Theobald (Stanford University), Jennifer Widom (Stanford University)

- Handling Uncertain Data in Array Database Systems

Tingjian Ge (Brown University), Stan Zdonik (Brown University)

- Accelerating Lookups in P2P Systems Using Peer Caching

Supratim Deb (Bell Labs Research India), Prakash Linga (Cornell University), Rajeev Rastogi (Bell Labs Research India), Anand Srinivasan (Bell Labs Research)

- Web 2.0 Style Schema Matching

Robert McCann (Microsoft), Warren Shen (University of Wisconsin at Madison), Anhai Doan (University of Wisconsin-Madison, USA)

- An Efficient algorithm for Answering Graph Reachability Queries

Yangjun Chen (University of Winnipeg)

- Approximate Clustering on Distributed Data Streams

Qi Zhang (University of North Carolina at Chapel Hill), Jinze Liu (Department of Biostatistics, University of North Carolina at Chapel Hill), Wei Wang (University of North Carolina at Chapel Hill)

- A Sampling-Based Approach to Information Recovery

Junyi Xie, Jun Yang (Duke University), Yuguo Chen, Haixun Wang (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center)

- On Monitoring the top-k Unsafe Places

Donghui Zhang (Northeastern University), Yang Du (Northeastern University), Ling Hu (Northeastern University)

- Common Influence Join: A Natural Join Operation for Spatial Pointsets

Man Lung Yiu (Aalborg University), Nikos Mamoulis (University of Hong Kong), Panagiotis Karras (University of Zurich)

- A Hybrid Prediction Model for Moving Objects

Hoyoung Jeung (University of Queensland), Qing Liu, Heng Tao Shen, Xiaofang Zhou

- A Generic Framework for Continuous Motion Pattern Query Evaluation

Petko Bakalov (University of California at Riverside), Vassilis Tsotras (University of California at Riverside)

- SHAROEES: A Data Sharing Platform for Outsourced Enterprise Storage Environments

Aameek Singh, Ling Liu (Georgia Tech)

- Explaining and Reformulating Authority Flow Queries

Ramakrishna Varadarajan (Florida International University), Vagelis Hristidis (Florida International University), Louiqa Raschid (University of Maryland)

- Nearest Neighbor Retrieval Using Distance-Based Hashing

Vassilis Athitsos (Boston University), Michalis Potamias (Boston University), Panagiotis Papapetrou (Boston University), George Kollios (Boston University)

- Efficient similarity search using the Earth Mover's Distance for large multimedia databases

Ira Assent (RWTH Aachen University), Marc Wichterich (RWTH Aachen University), Tobias Meisen (RWTH Aachen University), Thomas Seidl (RWTH Aachen University)

- Querying Complex Spatial-Temporal Sequences

Yueguo Chen (National University of Singapore), Shouxu Jiang (Harbin Institute of Technology, China), Beng Chin Ooi (National University of Singapore), Anthony Tung (National University of Singapore)

- Similarity Search in Arbitrary Subspaces Under Lp-Norm

Xiang Lian (HKUST), Lei Chen (HKUST)

- MobiQual: QoS-aware Load Shedding in Mobile CQ Systems

Bugra Gedik (IBM T. J. Watson Research Center), Kun-Lung Wu (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center), Ling Liu (Georgia Tech)

- Automatic Extraction of Useful Facet Terms from Text Documents

Wisam Dakka (Columbia University), Panagiotis Ipeirotis (New York University)

- Multiple Materialized View Selection for XPath Query Rewriting

Nan Tang (CUHK), Jeffrey Xu Yu (CUHK), M. Tamer Ozsu (University of Waterloo), Byron Choi (Nanyang Technological University), Kam-Fai Wong (CUHK)

Research Poster Presentations (72)

- Merging Hierarchies Using Object Placement

Kai Zhao (NEC Labs China), Robert Ikeda (Stanford University), Hector Garcia-Molina (Stanford University)

- Metadata Management Engine for Data Integration with Reverse-Engineering Support

Michael Gubanov (University of Washington), Phil Bernstein (Microsoft Research, USA), Alexander Moshchuk (University of Washington)

- Extracting Loosely Structured Data Records Through Mining Strict Patterns

Yipu Wu (City university of Hong Kong), Jing Chen (City University of Hong kong), Qing Li (City University of Hong Kong, China)

- Detection of Shape Anomalies: A Probabilistic Approach Using Hidden Markov Model

Zheng Liu (Chinese Univ. of Hong Kong), Jeffrey Xu Yu (CUHK), Lei Chen (HKUST), Di Wu

- Monitoring Network Evolution using MDL

Jure Ferlez (Jozef Stefan Institute), Christos Faloutsos (Carnegie Mellon University), Jure Leskovec (Carnegie Mellon University), Dunja Mladenic (Jozef Stefan Institute), Marko Grobelnik (Jozef Stefan Institute)

- Database Exploration Using Join Paths

Cecilia Procopiuc (AT&T Labs), Divesh Srivastava (AT&T Labs Inc.)

- What-if OLAP Queries with Changing Dimensions

Laks Lakshmanan, V.S. (UBC), Alex Russakovsky (Hyperion Solutions), Vaishnavi Sashikanth (Hyperion Solutions)

- A General Framework for Fast Co-clustering on Large Datasets Using Matrix Decomposition

Feng Pan, Xiang Zhang (University of North Carolina at Chapel Hill, USA), Wei Wang (University of North Carolina at Chapel Hill, USA)

- MUSE: Multi-Represented Similarity Estimation

Hans-Peter Kriegel (Ludwig-Maximilians University), Peter Kunath (Ludwig-Maximilians University), Alexey Pryakhin (Ludwig-Maximilians University), Matthias Schubert (Ludwig-Maximilians University)

- FLAME: Shedding Light on Hidden Frequent Patterns in Sequence Datasets

Sandeep Tata (University of Michigan), Jignesh Patel (University of Michigan)

- Mining Search-Phrase Definition from Item Descriptions

Hung Nguyen (Arizona State University), Hasan Davulcu (Arizona State University)

- Rights Protection of Multidimensional Time-Series Datasets with Neighborhood Preservation

Claudio Lucchese (University of Venice), Michail Vlachos (IBM Research), Deepak Rajan (IBM), Philip Yu (IBM T. J. Watson Research Center)

- Privacy Preserving Joins

Yaping Li (UC Berkeley), Minghua Chen (UC Berkeley)

- Link Privacy in Social Networks

Aleksandra Korolova (Stanford University), Rajeev Motwani, Shubha Nabar, Ying Xu

- An Approach to Protect Against Query Flood Attack

Anna Squicciarini (Purdue University, USA), Elisa Bertino (Purdue University), Ivan Paloscia

- Secure Delta-Publishing of XML Content

Mohamed Nabeel (Purdue University, USA), Elisa Bertino (Purdue University)

- On the Optimal Selection of k in the k-Anonymity Problem

Rinku Dewri (Colorado State University), Indrajit Ray (Colorado State University), Indrakshi Ray (Colorado State University), Darrell Whitley (Colorado State University)

- Anonymizing Streaming Data for Privacy Protection

Jianzhong Li (Harbin Institute of Technology), Beng Chin Ooi (National University of Singapore), Kian-Lee Tan (National University of Singapore), Weiping Wang (ICT, CAS)

- Private Updates to Anonymous Databases

Alberto Trombetta, Wei Jiang (Purdue University, USA), Elisa Bertino (Purdue University), Lorenzo Bossi

- InstantDB: Enforcing Timely Degradation of Sensitive Data

Nicolas AnCIAUX (INRIA), Luc Bouganim (INRIA), Harold Van Heerde (University of Twente), Philippe Pucheral (INRIA Rocquencourt & PRISM Laboratory, University of Versailles, France), Peter Apers (University of Twente)

- CASTLE: A delta-constrained scheme for k-anonymizing data streams

Cao Jianneng (National University of Singapore), Barbara Carminati (University of Insubria), Elena Ferrari (University of Insubria), Kian-Lee Tan (National University of Singapore)

- Time-Decaying Aggregates in Out-of-order Streams

Graham Cormode (AT&T Labs - Research), Flip Korn (AT&T Labs), Srikanta Tirthapura (Iowa State University)

- Efficient Aggregate Computation over Data Streams

Kanthen Nagaraj (Alcatel-Lucent), K.V.M Naidu (Alcatel-Lucent), Rajeev Rastogi (Bell Labs Research India), Scott Satkin (Alcatel-Lucent)

- Frequency Estimation over Sliding Windows

Linfeng Zhang (Iowa State University), Yong Guan (Iowa State University)

- Online Failure Forecast for Fault-Tolerant Data Stream Processing

Xiaohui Gu (IBM T. J. Watson Research Center), Spiros Papadimitriou, Philip Yu (IBM T. J. Watson Research Center), Shu-Ping Chang (IBM T. J. Watson Research Center)

- On Supporting Kleene Closure over Event Streams

Daniel Gyllstrom (University of Massachusetts Amherst), Jagrati Agrawal (University of Massachusetts Amherst), Yanlei Diao (University of Massachusetts Amherst), Neil Immerman (University of Massachusetts Amherst)

- MultiObjective OLAP: Efficient Skyline Computation over Ad-Hoc Aggregations

Shyam Antony, Ping Wu (UCSB), Divy Agrawal, Amr El Abbadi

- On Skylining with Flexible Dominance Relation

Tian Xia (Northeastern University), Donghui Zhang (Northeastern University), Yufei Tao (Chinese University of Hong Kong)

- Designing Random Sample Synopses with Outliers

Philipp Rösch (TU Dresden), Rainer Gemulla (TU Dresden), Wolfgang Lehner (TU Dresden)

- Efficiently Answering Probabilistic Threshold Top-k Queries on Uncertain Data

Ming Hua (Simon Fraser University, Canada), Jian Pei (Simon Fraser University), Xuemin Lin (University of New South Wales), Wenjie Zhang (University of New South Wales)

- Efficient Processing of Top-k Queries in Uncertain Databases

Ke Yi (AT&T Labs), Feifei Li (Boston University), Divesh Srivastava (AT&T Labs Inc.), George Kollios (Boston University)

- Adjoined Dimension Column Index (ADC Index) to Improve Star Schema Query Performance

Xuedong Chen (University of Massachusetts Boston), Patrick O'Neil (University of Massachusetts Boston), Elizabeth O'Neil (University of Massachusetts Boston)

- Adaptive segmentation for scientific databases

Milena Ivanova (CWI), Martin Kersten (CWI - Amsterdam), Niels Nes (CWI)

- QShuffler: Getting the Query Mix Right

Mumtaz Ahmad (University of Waterloo), Ashraf Aboulnaga (University of Waterloo), Shivnath Babu (Duke University), Kamesh Munagala (Duke University)

- Adaptive Bitmap Indexes for Space-Constrained Systems

Rishi Sinha (University of Illinois, Urbana Champaign), Marianne Winslett (University of Illinois, Urbana Champaign), John Wu (Lawrence Berkeley National Lab), Kurt Stockinger (Lawrence Berkeley National Lab), Arie Shoshani (Lawrence Berkeley National Lab)

- Skyline-based Peer-to-Peer Top-k Query Processing

Akrivi Vlachou (Athens University of Economics), Christos Doulkeridis (Athens University of Economics), Kjetil Noervaag (NTNU), Michalis Vazirgiannis (Athens Univ. of Economics and Business)

- Adaptive Approximate Similarity Searching through Metric Social Networks

Jan Sedmidubsky (Masaryk University), Stanislav Barton (Masaryk University), Vlastislav Dohnal (Masaryk University), Pavel Zezula (Masaryk University)

- Fixed-Precision Approximate Continuous Aggregate Queries in Peer-to-Peer Databases

Farnoush Banaei-Kashani (University of Southern California), Cyrus Shahabi (University of Southern California)

- Faster Join Enumeration for Complex Queries

Guido Moerkotte (University of Mannheim), Thomas Neumann (Max-Planck-Institut Informatik)

- PermJoin: An Efficient Algorithm for Producing Early Results in Multi-join Query Plans

Justin Levandoski (University of Minnesota), Mohamed Khalefa (University of Minnesota), Mohamed Mokbel (Univ. of Minnesota, TC)

- Processing Event-Monitoring Queries in Sensor Networks

Vassilis Stoumpos (University of Athens), Antonios Deligiannakis (University of Athens), Yannis Kotidis (AUEB), Alex Delis (University of Athens)

- An Architecture for Query Optimization in Sensor Networks

Ixent Galpin (University of Manchester), Christian Brenninkmeijer (University of Manchester), Farhana Jabeen (University of Manchester), Alvaro A. A. Fernandes (University of Manchester), Norman W. Paton (University of Manchester)

- Optimizing Complex Event Processing over RFID Data Streams

Qun Chen (Northwestern Polytechnical University), Zhanhuai Li (Northwestern Polytechnical University), Hailong Liu

- Efficient Data Interpretation and Compression over RFID Streams

Richard Cocci (University of Massachusetts), Thanh Tran, Yanlei Diao (University of Massachusetts Amherst), Prashant Shenoy

- Outlier-Aware Data Aggregation in Sensor Networks

Antonios Deligiannakis (University of Athens), Vassilis Stoumpos

(University of Athens), Yannis Kotidis (AUEB), Vasilis Vassalos (Athens U. of Econ. & Business), Alex Delis (University of Athens)

- Efficient Query Processing in Large Traffic Networks

Hans-Peter Kriegel (Ludwig-Maximilians University), Peer Kröger (Ludwig-Maximilians University), Peter Kunath (Ludwig-Maximilians University), Matthias Renz (Ludwig-Maximilians University), Tim Schmidt (Technical University of Munich)

- Optimal-Nearest-Neighbor Queries

Yunjun Gao (Zhejiang University), Jing Zhang (Zhejiang University), Gencai Chen (Zhejiang University), Qing Li (City University of H-K, China), Shen Liu (Zhejiang University), Chun Chen (Zhejiang University)

- Convoy Queries in Spatio-Temporal Databases

Hoyoung Jeung (University of Queensland), Heng Tao Shen, Xiaofang Zhou

- On High Dimensional Indexing of Uncertain Data

Charu Aggarwal (IBM T. J. Watson Research Center), Philip Yu (IBM T. J. Watson Research Center)

- Pattern Matching over Cloaked Time Series

Xiang Lian (HKUST), Lei Chen (HKUST), Jeffrey Xu Yu (CUHK)

- Satisfying Complex Data Needs using Pull-Based Online Monitoring of Volatile Data Sources

Haggai Roitman (Technion-IIT), Avigdor Gal (Technion), Louiqa Raschid (University of Maryland)

- Processing Diagnosis Queries: A Principled and Scalable Approach

Shivnath Babu (Duke University), Songyun Duan (Duke University), Kamesh Munagala (Duke University), Hai Yu (Duke University)

- Capturing Approximated Data Delivery Trade-offs

Haggai Roitman (Technion-IIT), Avigdor Gal (Technion), Louiqa Raschid (University of Maryland)

- Skippy: Enabling Long-Lived Snapshots of the Long-Lived Past

Liuba Shrira (Brandeis), Ross Shaull (Brandeis), Hao Hxu (Brandeis)

- Adjourn State Concurrency Control Avoiding Time-Out Problems in Atomic Commit Protocols

Sebastian Obermeier (University of Paderborn), Stefan Böttcher (University of Paderborn), Martin Hett (University of Paderborn), Panos Chrysanthis (University of Pittsburgh), George Samaras (University of Cyprus)

- PEEEX: Extracting Probabilistic Events from RFID Data

Nodira Khossainova (University of Washington), Magda Balazinska (University of Washington), Dan Suciu (University of Washington)

- Mobile Filter: Exploring Migration of Filters for Error-Bounded Data Collection in Sensor Networks

Dan Wang (Simon Fraser University), Xu Jianliang (HKBU), Jiangchuan Liu (Simon Fraser University), Feng Wang (Simon Fraser University)

- Automatic Correction of Broken Web Links: Ideas, Experiments, and Lessons Learned

Atsuyuki Morishima (University of Tsukuba), Akiyoshi Nakamizo (Shibaura Institute of Technology), Toshinari Iida (University of Tsukuba), Shigeo Sugimoto (University of Tsukuba), Hiroyuki Kitagawa (University of Tsukuba)

- Index Selection and Management for Graph Conductance Queries

Amit Pathak (IIT Bombay), Soumen Chakrabarti (IIT Bombay), Manish Gupta (IIT Bombay)

- Quality-Aware Retrieval of Data Objects from Autonomous

Sources for Web-Based Repositories

Houtan Shirani-mehr (University of California at Irvine), Chen Li (University of California at Irvine), Gang Liang (University of California at Irvine), Michal Shmueli-Scheuer

- Efficient Discovery of Authoritative Resources

Ravi Kumar (Yahoo! Research), Kevin Lang (Yahoo! Research), Cameron Marlow, Andrew Tomkins (Yahoo! Research)

- LabelEx: A Scalable Approach for Extracting Form Labels

Hoa Nguyen (University of Utah), Eun Yong Kang (University of Utah), Juliana Freire (University of Utah)

- Exploiting and Maintaining Materialized Views for XML Keyword Search

Ziyang Liu (Arizona State University), Yi Chen (Arizona State University)

- An Inflationary Fixed Point in XQuery

Loredana Afanasiev (University of Amsterdam), Torsten Grust (Technische Universität München), Maarten Marx (University of Amsterdam), Jan Rittinger (Technische Universität München), Jens Teubner (IBM T.J. Watson Research Center)

- Grouping and Optimization of XPath Expressions in System-RX

Andrey Balmin (IBM Almaden Research Center), Fatma Ozcan (IBM Almaden Research Center), Ashutosh Singh (IBM), Edison Ting (IBM Silicon Valley Lab)

- Hierarchical Indexing Approaches to Support XPath Queries

Nan Tang (CUHK), Jeffrey Xu Yu (CUHK), M. Tamer Ozsu (University of Waterloo), Kam-Fai Wong (CUHK)

- A Query Processing Architecture for an XML Data

Warehouse

Nuwee Wiwatwattana (University of Michigan), H.V. Jagadish (University of Michigan)

- A Clustered Index Approach to Distributed XPath Processing

Georgia Koloniari (University of Ioannina), Evaggelia Pitoura (University of Ioannina)

- AxPRE Summaries: Exploring the (Semi-)Structure of XML Web Collections

Mariano Consens (University of Toronto), Flavio Rizzolo (University of Toronto), Alejandro Vaisman (Universidad de Buenos Aires)

- Correlation-based Attribute Outlier Detection in XML

Judice Koh (National University of Singapore), Mong Li Lee (National University of Singapore), Wynne Hsu (National University of Singapore), Wee Tiong Ang (Institute for Infocomm Research)

- Ontology-Aware Search on XML-based Electronic Medical Records

Fernando Farfan (Florida International University), Vagelis Hristidis (Florida International University), Anand Ranganathan (IBM T. J. Watson Research Center), Redmond Burke (Miami Children's Hospital)

Industrial Full Presentations (10)

- Accurate and Efficient Inter-Transaction Dependency Tracking

Tzi-cker Chiueh (Symantec Research Labs)

- Native Web Browser Enabled SVG-based Collaborative Multimedia Annotation for Medical Images

Fusheng Wang (Siemens Corporate Research), Cornelius Rabsch (Siemens Corporate Research), Peiya Liu (Siemens Corporate Research)

- Maintaining Connectivity in Dynamic Multimodal Network Models

Petko Bakalov (UCR), Vassilis Tsotras (University of California at Riverside), Erik Hoel (ESRI)

- Filtered Indices and Their Use in Flexible Schema Scenarios

Srinia Acharya, Csar Galindo-Legaria (Microsoft), Milind Joshi, Babu Krishnaswamy, Stefano Stefani, Pawel Terlecki (Microsoft Corp.)

- Implementing an Inference Engine for RDFS/OWL Constructs and User-Defined Rules in Oracle

Zhe Wu (Oracle), George Eadon (Oracle), Souripriya Das (Oracle), Eugene Chong (Oracle), Vladimir Kolovski, Melliyal Annamalai (Oracle), Jagannathan Srinivasan (Oracle)

- An Enhanced Extract-Transform-Load System for Migrating Data in Telecom Billing

Girish Chafle (IBM India Research Laboratory), Himanshu Agrawal (IBM India Research Laboratory), Sunil Goyal (IBM India Research Laboratory), Sumit Mittal (IBM India Research Laboratory), Sougata Mukherjea

- Integration of Server, Storage and Database Stack: Moving Processing Towards Data

Lin Qiao (IBM Almaden Research Center), Vijayshankar Raman (IBM Almaden Research Center), Prashant Pandey (IBM Almaden Research Lab), Inderpal Narang (IBM Almaden Research Center), Ying-Lin Chen (IBM Silicon Valley Lab), Kou-Horng Yang (IBM Silicon Valley Lab), Fen-Ling Lin (IBM Silicon Valley Lab), Gene Fuh (IBM Silicon Valley Lab), David Chambliss

- Towards Declarative Queries on Adaptive Data Structures

Nicolas Bruno (Microsoft), Pablo Castro (Microsoft Corporation)

- Optimizing Star Join Queries for Data Warehousing in Microsoft SQL Server

Torsten Grabs (Microsoft Corp.), Csar Galindo-Legaria (Microsoft), Peter Zabback (Microsoft Corp.), Sreenivas Gukal, Steve Herbert, Aleksandras Surna, Shirley Wang, Wei Yu, Shin Zhang

- XQSE: XQuery Scripting Extension in the AquaLogic Data Services Platform

Daniel Engovatov (BEA Systems), Vinayak Borkar (BEA Systems), Michael Carey (BEA Systems), Dmitry Lychagin (BEA Systems), Till Westmann (BEA Systems), Warren Wong (BEA Systems)

Industrial Short Presentation (3)

- A Scalable Scheme for Bulk Loading Large RDF Graphs into Oracle Database

Souripriya Das (Oracle), Eugene Chong (Oracle), Zhe Wu (Oracle), Melliya Annamalai (Oracle), Jagannathan Srinivasan (Oracle)

- An Overview of SQL Support in Workflow Products

Marko Vrhovnik (University of Stuttgart), Holger Schwarz (University of Stuttgart), Bernhard Mitschang (University of Stuttgart), Sylvia Radeschuetz (University of Stuttgart)

- Orchid: Integrating Schema Mapping and ETL

Stefan Dessloch (University of Kaiserslautern), Mauricio Hernandez (IBM Almaden Research Center), Ryan Wisnesky (Harvard University), Ahmed Radwan (University of Miami), Jindan Zhou (University of Miami)

Industrial Poster Presentations (4)

- Query-Aware Partitioning for Monitoring Massive Network Data Streams

Vladislav Shkapenyuk (AT&T Labs - Research), Ted Johnson (AT&T Labs), Muthu Muthukrishnan (Rutgers), Oliver Spatscheck (AT&T Labs - Research)

- Optimizing Hierarchical Access in OLAP Environment

Lipyeow Lim (IBM T. J. Watson Research Center), Bishwaranjan Bhattacharjee (IBM T. J. Watson Research Center)

- Automatic Result Verification for the Functional Testing of a Query Language

Carsten Binnig (University Heidelberg), Donald Kossmann (ETH Zurich), Eric Lo (ETH Zurich), Angel Saenz-Badillos (Microsoft Corporation)

- Improving Information Access for a Community of Practice Using Business Process as Context

Yu Deng (IBM Research), Murthy Devarakonda (IBM Research), Nithya Rajamani (IBM Research), Wlodek Zadrozny (IBM Research)

Demonstrations (23)

- DescribeX: Interacting with AxPRE Summary Descriptions

S. Ali (University of Toronto), Mariano Consens (University of Toronto), Shahan Khatchadourian (University of Toronto), Flavio Rizzolo (University of Toronto)

- COSTA: Adaptive Indexing for Terms in a Large-scale Distributed System

Aoying Zhou (Fudan University), Rong Zhang (Fudan University), Quang Hieu Vu (NUS), Weining Qian (East China Normal University)

- IMPrECISE: Good-is-good-enough data integration

Ander De Keijzer (University of Twente), Maurice van Keulen (University of Twente)

- SPARK: A Keyword Search Engine on Relational Databases

Yi Luo (University of New South Wales, Sydney, Australia), Wei Wang (UNSW), Xuemin Lin (UNSW)

- Environmental Tomography: Ubiquitous Sensing with Mobile Devices

Stacy Patterson (UC Santa Barbara), Bassam Bamieh (UC Santa Barbara), Amr El Abbadi

- OptimAX: efficient support for data-intensive mash-ups

Serge Abiteboul (INRIA Futurs & Paris XI), Ioana Manolescu (INRIA Futurs), Spyros Zoupanos (INRIA Futurs)

- Graphitti: An Annotation Management System for Heterogeneous Objects

Amarnath Gupta (SDSC), Sandeep Gupta (SDSC), Chris Condit

- Mining Views: Database Views for Data Mining

Elisa Fromont (KU Leuven), Bart Goethals (University of Antwerp), Adriana Prado (Universiteit Antwerpen), Toon Calders (Technische Universiteit Eindhoven), Hendrik Blockeel (KU Leuven)

- Distributed Monitoring of Peer-to-Peer Systems

Bogdan Marinoiu (INRIA), Serge Abiteboul (INRIA Futurs & Paris XI), Pierre Bourhis

- SMART: A System for Online Monitoring Large Volumes of Network Traffic

Aoying Zhou (Fudan University), Ying Yan (Fudan University), Xueqing Gong (Fudan University), Jianlong Chang (Shanghai Telecom), Dai Dai (Shanghai Telecom)

- Toward Simulation-Based Optimization in Data Stream Management Systems

Christoph Heinz (University of Marburg), Jürgen Krämer (University of Marburg), Bernhard Seeger (University of Marburg), Tobias Riemenschneider (University of Marburg)

- Astoria: A Programming Model for Data on the Web (demo)

Pablo Castro (Microsoft Corporation)

- Wayfinder: A Multi-Dimensional Search Enabled File System

Christopher Peery (Rutgers University), Amelie Marian, Wei Wang, Thu Nguyen

- MED: A Multimedia Event Database for 3D Crime Scene Representation and Analysis

Jarek Gryz (York University), Marcin Kwietniewski, Michael Jenkin, Sunbir Gill, Anna Topol, Ho-Kong Ng, Piotr Jasiobedzki, Stephanie Wilson

- DIPBench Toolsuite: A Framework for Benchmarking Integration Systems

Matthias Böhm (Dresden Univ. of Tech.), Dirk Habich (Dresden University of Technology), Wolfgang Lehner (Dresden University of Technology), Uwe Wloka (University of Applied Sciences Dresden)

- Managing Biological Data using bdbms

Mohamed Eltabakh (Purdue University), Mourad Ouzzani (Purdue University), Walid Aref (Purdue University), Ahmed Elmagarmid (Purdue University), Yasin Laura-Silva (Purdue University), David Salt (Purdue University), Ivan Baxter (Purdue University)

- DGEM: Mining Gene Expression Database for Primary Human Disease Tissues

Yuni Xia (IUPUI), Andrew Campen

- PictureBook: A Text-and-Image Summary System for Web Search Result

Xiangdong Zhou (Fudan University), Mei Wang (Fudan University)

- PGMOF: A Framework for the Optimization of Data Processing in Business Processes

Marko Vrhovnik (University of Stuttgart), Holger Schwarz (University of Stuttgart), Stephan Ewen, Oliver Suhre

- Enhanced Business Intelligence Using EROCS

Manish Bhide (IBM Research), Venkatesan Chakaravarthy (IBM India Research Lab), Ajay Gupta (IBM Research), Himanshu Gupta (IBM Research), Mukesh Mohania (IBM Research), Kriti Puniyani (IBM Research), Prasan Roy, Sourashis Roy (IBM Research), Vibhuti Sengar

- T-Time: Threshold-Based Data Mining on Time Series

Johannes Aßfalg (Ludwig-Maximilians University), Hans-Peter Kriegel (Ludwig-Maximilians University), Peer Kröger (Ludwig-Maximilians University), Peter Kunath (Ludwig-Maximilians University), Alexey Pryakhin (Ludwig-Maximilians University), Matthias Renz (Ludwig-Maximilians University)

- RAD: A Scalable Framework for Annotator Development

Sanjeet Khaitan (IBM India Research Lab), Ganesh Ramakrishnan (IBM India Research Lab), Sachindra Joshi (IBM India Research Lab)

- SPOT: A System for Detecting Projected Outliers From High-dimensional Data Streams

Ji Zhang (Dalhousie University), Qigang Gao (Dalhousie University), Hai Wang (Saint Mary's University)