CALL FOR RESEARCH PAPERS
Fifth International Workshop on Ranking in Databases

DBRank 2011
In Conjunction with VLDB 2011
August 29, 2011, Seattle, Washington, USA

SUBMISSION SITE NOW OPEN

Important Dates:
Research Paper Submission: June 14, 2011 (EXTENDED)
Author Notification: July 7, 2011
Final camera-ready papers due: July 21, 2011

Program Chairs:
Kaushik Chakrabarti (Microsoft Research, USA)
Davide Martinenghi (Politecnico di Milano, Italy)

Program Committee:
Yi Chen (Arizona State University, USA)
Tao Cheng (Microsoft Research, USA)
Gautam Das (University of Texas at Arlington, USA)
Venkatesh Ganti (Google, USA)
Vagelis Hristidis (Florida International University, USA)
Seung-won Hwang (POSTECH, South Korea)
Ihab Ilyas (University of Waterloo, Canada)
Christian S. Jensen (Aarhus University, Denmark)
Chengkai Li (UT Arlington, USA)
Xuemin Lin (The University of New South Wales, Australia)
Nikos Mamoulis (University of Hong Kong, Hong Kong)
Mohamed F. Mokbel (University of Minnesota, USA)
Stelios Paparizos (Microsoft Research, USA)
Neoklis Polyzotis (University of California - Santa Cruz, USA)
Mohamed A. Soliman (Greenplum, USA)
Karl Schnaitter (Aster Data, USA)
Thomas Seidl (RWTH Aachen University, Germany)
Marco Tagliasacchi (Politecnico di Milano, Italy)
Kian-Lee Tan (National University of Singapore, Singapore)
Martin Theobald (MPI, Germany)
Eric Vee (Yahoo! Research, USA)
Jeffrey Xu Yu (Chinese University of Hong Kong, Hong Kong)
Xiaofang Zhou (University of Queensland, Australia)

Steering Committee:
Gautam Das (University of Texas at Arlington, USA)
Vagelis Hristidis (Florida International University, USA)
Ihab F. Ilyas (University of Waterloo, Canada)

Invited speakers:
Jan Chomicki (University at Buffalo, USA)

Sponsors:

The Fifth International Workshop on Ranking in Databases (DBRank 2011) focuses on the semantics, modeling and implementation of ranking and ordering in database systems and applications. Held in conjunction with VLDB 2011, DBRank 2011 will be a leading international forum for researchers to explore cutting-edge ideas and results on ranking in database systems, starting from relational to semi-structured to unstructured data; and on different levels from query formulation to preference modeling to query processing to optimization frameworks.

TOPICS OF INTEREST
Topics of interests include but are not limited to:
• Ranking relational data
• Rank-aware query processing and optimization
• New fundamental developments in top-k algorithms
• Cost-models for top-k algorithms and operators
• User preference specification and query languages
• Ranking in Web and XML databases
• Ranking in distributed and peer-to-peer databases
• Ranking as a data exploration tool
• Ranking queries in data streams and continuous monitoring systems
• Applications of ranking and top-k retrieval from databases
• Ranking multimedia data
• Domain-specific ranking
• Multidimensional data analysis using ranking tools
• Personalized ranking functions
• Learning user preferences and ranking functions
• Ranking and information extraction

SUBMISSION GUIDELINES:
We invite original, unpublished manuscripts for 6-page papers inclusive of all references and figures. Papers should report completed results. Vision papers and descriptions of work-in-progress are also welcome as short paper submissions (3 pages). Papers must be written in English, and formatted according to the VLDB proceedings format.

The workshop proceedings will be included in USB stick containing the VLDB proceedings (which will be distributed to all VLDB attendees). Furthermore, authors of the best papers of DBRank will be invited to submit an extended version for inclusion in a book published by Springer (along with best papers on related topics from other workshops). A journal special issue on the best papers of the workshop is also under consideration.

Submissions should be uploaded through the submission site at: https://cmt.research.microsoft.com/DBRANK2011/