

Sample of NSF Biographical Sketch

Name

Address

Cornell University
Ithaca, NY 14853
(607) 255-1045
johannes@cs.cornell.edu
<http://www.cs.cornell.edu/johannes>

Professional Preparation (Starting w/ earliest degree)

University of Karlsruhe, Germany Computer Science Vordiplom, 1992
University of Texas at Austin Computer Science M.S., 1995
University of Wisconsin-Madison Computer Science Ph.D., 1999

Appointments (Start w/ latest appointment)

Since 2007 Chief Scientist, Fast Search and Transfer
Since 2004 Associate Professor, Cornell University
2004-2007 Faculty Associate Director, Cornell Theory Center
1999-2004 Assistant Professor, Cornell University

Five Related Publications

- B. Panda, M. Riedewald, S. B. Pope, J. Gehrke, L. P. Chew. Indexing for Function Approximation. In Proceedings of the 32nd International Conference on Very Large Data Bases (VLDB 2006). Seoul, Korea, September 2006.
- Daniel Kifer and J. E. Gehrke. Injecting Utility into Anonymized Datasets. In Proceedings of the 2006 ACM SIGMOD International Conference on Management of Data (SIGMOD 2006). Chicago, IL, June 2006.
- Ashwin Machanavajjhala, Johannes Gehrke, Daniel Kifer, and Muthuramakrishnan Venkatasubramanian. l-Diversity: Privacy Beyond k-Anonymity. In Proceedings of the 22nd IEEE International Conference on Data Engineering (ICDE 2006). Atlanta Georgia, April 2006.
- Jayavel Shanmugasundaram, Fan Yang, Mirek Riedewald, Johannes Gehrke, and Alan Demers. Hilda: A High-Level Language for Data-Driven Web Applications. In Proceedings of the 22nd IEEE International Conference on Data Engineering (ICDE 2006), Atlanta Georgia, April 2006.
- Alan Demers, Johannes Gehrke, Mingsheng Hong, Mirek Riedewald, and Walker White. Towards Expressive Publish/Subscribe Systems. In Proceedings of the 10th International Conference on Extending Database Technology (EDBT 2006), Munich, Germany, March 2006.

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Five Other Significant Publications

- Dan Kifer, Shai Ben-David, and Johannes Gehrke. Detecting Change in Data Streams. In Proceedings of the 30th International Conference on Very Large Data Bases (VLDB 2004). Toronto, Canada. August 2004.
- David Kempe, Alin Dobra, and J. E. Gehrke. Computing Aggregate Information using Gossip. In Proceedings of the 44th Annual IEEE Symposium on Foundations of Computer Science (FOCS 2003). Cambridge, MA, October 2003.
- Daniel Kifer, J. E. Gehrke, Cristian Bucila, and Walker White. How to Quickly Find a Witness. In Proceedings of the 22nd ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems (PODS 2003). San Diego, CA, June 2003.
- Yong Yao and J. E. Gehrke. Query Processing in Sensor Networks. In Proceedings of the First Biennial Conference on Innovative Data Systems Research (CIDR 2003), Asilomar, California, January 2003.
- Paul S. Bradley, J. E. Gehrke, Raghu Ramakrishnan and Ramakrishnan Srikant. Philosophies and Advances in Scaling Mining Algorithms to Large Databases. *Communications of the ACM*, August 2002.

Synergistic Activities

- Recipient of the Cornell College of Engineering James and Mary Tien Excellent in Teaching Award (2001). Recipient of a National Science Foundation CAREER Award (2002). Recipient of an Alfred P. Sloan Fellowship (2003).
- Development of educational material for the textbook “Database Management Systems” by Raghu Ramakrishnan and Johannes Gehrke. McGraw Hill.
- Program chair of ACM SIGKDD 2003, program chair of VLDB 2007.

Ph.D. Thesis Advisor: Raghu Ramakrishnan (University of Wisconsin-Madison)

Collaborators: Rakesh Agrawal (IBM Almaden), Shai Ben-David (University of Waterloo), Venkatesh Ganti (Microsoft Research), Minos Garofalakis (Lucent Bell Labs), Dimitris Gunopulos (UC Riverside), Flip Korn (AT&T Research), Nick Koudas (AT&T Research), Wei-Yin Loh (UW Madison), Gerome Miklau (University of Massachusetts-Amherst), S. Muthukrishnan (Rutgers), Greg Plaxton (University of Texas at Austin), Prabhakar Raghavan (Verity Inc.), Rajmohan Rajaraman (Northeastern), Rajeev Rastogi (Lucent Bell Labs), Kyuseok Shim (University of Seoul, Korea), Ramakrishnan Srikant (IBM Almaden), Divesh Srivastava (AT&T Research), Dan Suciu (University of Washington)

Former PhD Students: Tobias Mayr (IBM Almaden Research Center), Zhiyuan Chen (University of Maryland, Baltimore County), Alin Dobra (University of Florida), Alexandre Evfimievski (IBM Almaden Research Center), Abhinandan Das (Google), Adina Crăiniceanu (Naval Academy), Prakash Linga (moka5), Daniel Kifer (Yahoo! Research), Yong Yao (IBM)