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University Activities

- Chair, Graduate Student Admissions Committee. Cornell Department of Computer Science, Spring 2009.
- Member, Dean Search Committee. Cornell Faculty of Computer and Information Sciences, Spring 2009.
- Member, Visibility Committee. Cornell Department of Computer Science, Since Spring 2009

Professional Activities

- Machine Learning Journal. Member of the Editorial Board. Since 2003.
- Data Mining and Knowledge Discovery. Action Editor. Since 2003.
- Journal of Privacy Technology. Member of the Editorial Board. Since 2004.
- ACM Transactions on Knowledge Discovery from Data. Member of the Inaugural Editorial Board. Since 2005.
- The Journal of Privacy and Confidentiality. Associate Editor. Since 2006.
- Foundations and Trends in Databases. Associate Editor. Since 2006.
- The VLDB Journal. Associate Editor. Since 2007.
- 14th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD 2008). Las Vegas, NV, August 2008. Member of the Senior Program Committee.
- First Conference on the Foundations of Digital Games (FDG 2009), April 2009. Focus Area Chair in Databases.
- 27th ACM SIGMOD International Conference on Management of Data (SIGMOD 2008). Vancouver, Canada, June 2008. Program Committee Group Leader.
- 2008 IEEE International Conference on Data Mining (ICDM 2008). Pisa, Italy, December 2008. Member of the Best Paper Award Committee.
- 27th ACM SIGMOD International Conference on Management of Data (SIGMOD 2008). Vancouver, Canada, June 2008. Best Paper Award Committee Chair.
- ACM SIGMOD Jim Gray Doctoral Dissertation Award Committee. Co-Chair. (With Beng Chin Ooi.) Since 2008.
- Thirty-Fourth International Conference on Very Large Data Bases (VLDB 2008). Auckland, New Zealand, August 2008. Program Committee member (Core Database Technology).
- 28th ACM SIGMOD International Conference on Management of Data (SIGMOD 2009). Providence, RI, June 2009. Program Committee.

Publications

- Johannes Gehrke. Classification and Regression Trees. In *Encyclopedia of Data Warehousing and Mining, Second Edition*. Edited by John Wang. Information Science Publishing, August 2008.
- Namit Jain, Shailendra Mishra, Anand Srinivasan, Johannes Gehrke, Jennifer Widom, Hari Balakrishnan, Ugur Çetintemel, Mitch Cherniack, Richard Tibbetts, Stanley B. Zdonik: Towards a streaming SQL standard. *Proceedings of the VLDB Endowment*, Volume 1(2): 1379-1390 (2008)
- Felix Weigel, Biswanath Panda, Mirek Riedewald, Johannes Gehrke, Manuel Calimlim: Large-scale collaborative analysis and extraction of web data. *Proceedings of the VLDB Endowment*, Volume 1(2): 1476-1479 (2008)
- Walker White, Christoph Koch, Johannes Gehrke, and Alan Demers. Better Scripts, Better Games. *ACM Queue*, Volume 6, Issue 7. November 2008.
- Alin Dobra, Minos N. Garofalakis, Johannes Gehrke, and Rajeev Rastogi: Multi-query optimization for sketch-based estimation. *Information Systems* 34(2): 209-230 (2009)
- Walker White, Christoph Koch, Johannes Gehrke, and Alan Demers. Better Scripts, Better Games. *Communications of the ACM*, Volume 52, Issue 3 (March 2009): 42-47.
- Walker White, Ben Sowell, Johannes Gehrke, and Alan Demers: Declarative Processing for Computer Games. In *Proceedings of the 2008 Sandbox: An ACM SIGGRAPH Videogame Symposium (Sandbox 2008)*. Los Angeles, CA, August 2008.
- Benjamin Sowell, Alan Demers, Johannes Gehrke, Nitin Gupta, Haoyuan Li, and Walker White. Declarative Languages to Declarative Processing in Computer Games. In *Proceedings of the Fourth Biennial Conference on Innovative Data Systems Research (CIDR 2009)*, Asilomar, California, January 2009.
- Nitin Gupta, Alan Demers, Johannes Gehrke, Walker White, and Philipp Unterbrunner. Scalability for Virtual Worlds. In *Proceedings of the 25th International Conference on Data Engineering (ICDE 2009)*. Shanghai, China, April 2009.
- Rakesh Agrawal, Anastasia Ailamaki, Philip A. Bernstein, Eric A. Brewer, Michael J. Carey, Surajit Chaudhuri, AnHai Doan, Daniela Florescu, Michael J. Franklin, Hector Garcia-Molina, Johannes Gehrke, Le Gruenwald, Laura M. Haas, Alon Y. Halevy, Joseph M. Hellerstein, Yannis E. Ioannidis, Henry F. Korth, Donald Kossmann, Samuel Madden, Roger Magoulas, Beng Chin Ooi, Tim O'Reilly, Raghu Ramakrishnan, Sunita Sarawagi, Michael Stonebraker, Alexander S. Szalay, Gerhard Weikum: The Claremont report on database research. *SIGMOD Record* 37(3): 9-19 (2008)
- Minos N. Garofalakis, Johannes Gehrke, and Divesh Srivastava: Special issue: Best papers of VLDB 2007. *VLDB Journal* 18(2): 383-384 (2009).

Lectures

- Scaling Computer Games. Talk at Microsoft Research. Seattle, WA, July 2008.
- Scaling Games to Epic Proportions. Computer Science Distinguished Lecture Series, Department of Computer Science, University of Illinois at Urbana-Champaign. Urbana, IL, October 2008.
- Privacy: From Theory to Practice on the Map. Expert Group on Microdata Anonymization. Paris, France, October 2008.

- Complex Event Processing for Insider Threat Detection. Talk at the Institute for Information Infrastructure Protection, Quarterly Workshop. Ithaca, NY, October 2008.
- Collaborative Environments. Talk at the KDD Program Annual Workshops. Oak Ridge, TN, December 2008.
- Scaling Games to Epic Proportions. Colloquium at the University of Trondheim. Trondheim, Norway, December 2008.
- Declarative Processing for Computer Games. Distinguished Lecturer Series, Bren School of Information and Computer Sciences. Irvine, Ca, January 2009.
- Declarative Processing for Computer Games. Colloquium at the University of Washington, Department of Computer Science and Engineering. Seattle, WA, January 2009.
- Declarative Processing for Computer Games. Colloquium at Carnegie Mellon University, Department of Computer Science. Pittsburgh, PA, February 2009.
- Declarative Processing for Computer Games. Colloquium at RPI, Department of Computer Science. Troy, NY, February 2009.
- Large Data. Presentation at the CIS West Coast Advisory Board Meeting. San Francisco, CA, March 2009.
- Fault-Tolerant Systemic Listening. I3P Workshop on Insider Threats: Strategies for Staying Secure. Arlington, DC, May 2009.
- Database Technology for Simulating Relationships. AFOSR Systems and Software, Annual Workshop. Arlington, DC, May 2009.
- What Can Database Systems Do For Computer Games? Colloquium at Harvard University, Department of Computer Science. Boston, MA, April 2009.