

## Walker White

### University Activities

- Grants
  - IIS-0725260: Design Methodologies for Scalability in Computer Games, National Science Foundation.

### Professional Activities

- Chair, Education Committee, Association of Symbolic Logic
- Member, Program Committee, Eleventh Annual Legacy of R. L. Moore Conference
- Member, Program Committee, 25th International Conference on Data Engineering
- Member of ACM, AMS, and ASL.

### Publications

- Declarative Processing for Computer Games. Proceeding of SIGGRAPH Sandbox (2008). (With A. Demers, J. Gehrke, and B. Sowell).
- SGL: A Scalable Language for Data Driven Games (Demonstration Paper). Proceedings of SIGMOD (2008). (With R. Albright, A. Demers, J. Gehrke, N. Gupta, R. Keilty, H. Lee, G. Sadowski, and B. Sowell)
- Database Research Opportunities in Computer Games. SIGMOD Record, September 2007. (With A. Demers, J. Gehrke, N. Gupta, and C. Koch)
- Pseudoprime factorizations of integer matrices. Linear Algebra and its Applications, July 2008. (With D. Wallace)

### Lectures

- Scaling Computer Games to Epic Proportions. Mathematics Colloquium, Dartmouth College, October 2007.
- Scaling Computer Games to Epic Proportions. Computer Science Colloquium, Brown University, November 2007.
- Applying Database Technology to Games and Simulations. Flight Simulator Studios, Microsoft, May 2008.