

Mirek Riedewald

University Activities

- Grants:
 - SGER: FINDING INTERESTING PATTERNS THROUGH ANALYSIS OF COMPLEX PREDICTION MODELS (PI: Mirek Riedewald, co-PI: Daniel Fink), \$200K

Professional Activities

- 2008 IEEE Int. Conf. on Data Engineering (ICDE), Program Committee
- 2008 ACM Conf. on Information and Knowledge Management (CIKM), Program Committee
- 2008 Int. Symp. on Temporal Representation and Reasoning (TIME), Program Committee
- 2008 Int. Conf. on Data Warehousing and Knowledge Discovery (DaWaK), Program Committee
- 2008 ACM Int. Workshop on Data Warehousing and OLAP (DOLAP), Program Committee
- 2008 Int. Workshop on Mining Multimedia Streams in Large-Scale Distributed Environments (MMSDE), Program Committee
- 2008 Int. Workshop on Scalable Stream Processing Systems (SSPS), Program Committee
- 2008 IEEE Int. Conf. on Computational Science and Engineering, Program Committee
- 2008 IEEE Int. Conf. on Intelligence and Security Informatics (ISI), Program Committee
- 2008 SIGMOD Ph.D. Workshop on Innovative Database Research (IDAR), Program Committee
- Journal Reviews:
 - ACM Transactions on Database Systems (TODS)
 - IEEE Transactions on Knowledge and Data Engineering (TKDE)
 - International Journal of Business Intelligence and Data Mining

Publications

- Lachmann and M. Riedewald. Finding Relevant Patterns in Bursty Sequences. To appear in Proc. Int. Conf. on Very Large Databases (VLDB), 2008
- D. Sorokina, R. Caruana, M. Riedewald, and D. Fink. Detecting Statistical Interactions with Additive Groves of Trees. To appear in Proc. International Conference on Machine Learning (ICML), 2008
- W. M. Hochachka, R. Caruana, D. Fink, A. Munson, M. Riedewald, D. Sorokina, and S. Kelling. Data-Mining Discovery of Pattern and Process in Ecological Systems. In Journal of Wildlife Management, 71(7):2427--2437, 2007
- D. Sorokina, R. Caruana, and M. Riedewald: Additive Groves of Regression Trees. In Proc. European Conf. on Machine Learning (ECML), pages 323-334, 2007 (Best Student Paper)
- Panda, M. Riedewald, J. Gehrke, and S. B. Pope: High-Speed Function Approximation. In Proc. IEEE Int. Conf. on Data Mining (ICDM), pages 613-618, 2007

Lectures

- Scalable Data Stream Processing (invited talk at Northeastern University, March 2008)
- Scalable Data Stream Processing (invited talk at Saarland University, Germany, January 2008)