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Journal:

- T. Johnsten, L. Fain, L. Fain**,** R. Benton, E. Butler, L. Pannell, and M, Tan, "Exploiting Multi-Layered Vector Spaces for Signal Peptide Detection", *International Journal of Data Mining and Bioinformatics*, *accepted.*
- R. Singh, T. Johnsten, V.V. Raghavan, and Y. Xie. "Algorithms for Discovering Potentially Interesting Patterns," Intl. Journal of Granular Computing, Rough Sets, and Intelligent Systems, Vol. 2, No. 2, pp. 107-122, 2011.

Invited Paper for Conferences/Workshops:

- V. V. Raghavan, R. G. Benton, T. Johnsten, and Y. Xie, "Representations for Large-scale Sequence Data Mining: A Tale of Two Vector Space Models", in International Conference on Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing, pp. 15-25, October 11-14, 2013.

Referred Papers for Conferences/Workshops:

- T. Johnsten, S. Alihamad, A. Kannalath, and R. G. Benton, "Targeted Action Rule Discovery", in International Conference on Machine Learning and Applications, Miami, Florida, 348-353, December 4-7, 2013.
- R. G. Benton, S. Choubey, D. G. Clark, T. Johnsten, and V. V. Raghavan, "Diagnosis and Grading of Alzheimer's Disease via Automatic Classification of FDG-PET Scans", in International Conference on Brain and Health Informatics, Maebashi, Japan, October 29-31, 2013.
- Y. Xie, J. Fisher, V.V. Raghavan, T. Johnsten, and C. Akkoc, "Granular Approach for Protein Sequence Analysis", *In Proceedings of 8th Int'l Conf. on Rough Sets and Current Trends in Computing*, Chengolu, China, August 17-20, 2012.
- J. Landry, J.H. Pardue, T. Johnsten, M. Campbell, and P. Patidar, "A Threat Tree for Health Information Security and Privacy", *17th Americas Conference on Information Systems (AMCIS)*, Detroit, Michigan, August 4-8, 2011.
- D. Difallah, R. G. Benton, T. Johnsten and V. Raghavan, "FAARM: Frequent Association Action Rules Mining Using FP-Tree", in Workshop on Domain Driven Data Mining, part of 11th IEEE International Conference on Data Mining Workshops, Vancouver, Canada, pp. 398-404, December 11, 2011.
- C. Akkoç, T. Johnsten and R.G. Benton, "Multi-layered Vector Spaces for Classifying and Analyzing Biological Sequences", International Conference on Bioinformatics and Computational Biology, New Orleans, pp. 160-166, March 23-25, 2011.
- R. Singh, T. Johnsten, V.V. Raghavan, and Y. Xie, "Efficient Algorithm for Discovering Potentially Interesting Patterns with Closed Itemsets*", IEEE Int'l Conf. on Granular Computing*, San Jose, CA, August 14-16, 2010.
- R. Singh, T. Johnsten, V.V. Raghavan, Y. Xie, "An Efficient Algorithm for Discovering Positive and Negative Patterns", *IEEE Int'l Conf. on Granular Computing*, Nanchang, China, August 17-19, 2009.
- Y. Xie, T. Johnsten, V.V. Raghavan, and J. Katukuri. Examining Granular Computing from a Modeling Perspective. NAFIPS, New York, New York, 2008.

- Valerian Kiame "Content-based Classification of Internet Telephony Calls" (2011)
- Oleksandr Grygorash "Image Color Clustering using Minimum Spanning Trees" (2006)
- Praveen Nerellapalli "Adaptive Anti-Spam Email Filtering using Huffman Coding and Statistical Learning" (2005)
- Abishek Kunduru "An Efficient Method for Discovering Violations in Data Anonymity" (2005)

Doctoral

- Raj Singh "Mining Potentially Interesting Positive and Negative Patterns: Beyond the Support-Confidence Framework" (2009)