



The Second ACM KDD International Workshop on Mining Multiple Information Sources (MMIS-08)

http://www.cse.fau.edu/~xqzhu/mmis/kdd08_mmis.html

May 30, 2008: Submission Due Date

June 15, 2008: Author notification

June 20, 2008: Submission of Camera-ready papers (firm)

August 24, 2008: Workshop in Las Vegas, CA

The aim of this workshop is to bring together data mining experts to revisit the problem of pattern discovery from multiple information sources, and identify and synthesize current needs for such purposes. Representative questions to be addressed include but are not limited to:

1. Harnessing Complex Data Relationship

- a. Database similarity assessment
- b. Automatic schema mapping and relationship discovery
- c. New mapping framework for multiple information sources
- d. Data source classification and clustering
- e. Data cleansing, data preparation, data/pattern selection, conflict and inconsistency resolution

2. Integrative and Cooperative Mining

- a. Model integration for heterogeneous information sources
- b. Mode transferring across different data domains
- c. Incremental and scalable data mining algorithms
- d. Multi-tasks multi-sources co-learning for multiple information sources

3. Differentiation and Correlation

- a. Local pattern analysis and fusion
- b. Global pattern synthesizing and assessment
- c. Merging local rules for global pattern discovery
- d. Pattern summarization from multiple datasets
- e. Multi-dimensional pattern search and comparison
- f. Pattern comparison across multiple data sources
- g. Inter pattern discovery from complex data sources

4. Stream data mining algorithms

- a. Clustering and classification of data of changing distributions
- b. Data stream processing, storage, and retrieval systems
- c. Sensor networking

5. Security and privacy issues in multiple information sources

6. Interactive data mining systems

- a. Query languages for mining multiple information sources
- b. Query optimization for distributed data mining
- c. Distributed data mining operators in supporting interactive data mining queries

Paper Submission

For submission of the paper, please use Easychair system at <http://www.easychair.org/conferences/?conf=mmis08>

Upon the receiving of each submission, the workshop co-chairs will organize the peer-review process immediately.