

**KDD 2006 Workshop on
Theory and Practice of Temporal Data Mining
Call for Papers**

Workshop homepage: <http://www.temporaldatamining.com/>

August 20, 2006, Philadelphia, USA

To continue this tradition of fostering interactions among researchers sharing the same interest, we are organizing the Temporal Data Mining Workshop at KDD 2006 and soliciting submissions of high quality papers on all topics in the general areas of temporal data mining. Authors are also invited to submit short 2 or 3-page papers describing the “work in progress”.

Topics of Interest

The major topics of the workshop include but are not limited to:

- Temporal data benchmarking
- Temporal pattern discovery
- Temporal data clustering
- Anomaly and change detection of streaming data
- Prediction for temporal data
- Temporal data characterization and analysis
- Statistical analysis of temporal data
- Accommodating domain knowledge in the temporal mining process,
- Complexity, efficiency and scalability of temporal data mining algorithms,
- Content-based search, retrieval for temporal data,
- Process mining,
- Mining Data Streams
- Case studies and applications of temporal data mining
 - Adaptive workflow management
 - Bioinformatics
 - Information navigation
 - Program behavior analysis
 - Security management
 - System management
 - Web services and etc.

Short Papers: Authors are also invited to submit short 2 or 3-page papers describing the “work in progress” such as new applications, new approaches, new results, partial experiences, etc. This would provide a chance to present ongoing research that is not yet ready for publication and that has never been presented before, and to get feedback on your work from experienced researchers in the field.

Workshop Co-chairs

Tao Li, Florida International University, taoli@cs.fiu.edu
Charles Perng, IBM T.J. Watson Research, perng@us.ibm.com
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Important Dates

- **June 18, 2006:** Electronic submission of full papers
- **July 17, 2006:** Author notification
- **July 20, 2006:** Submission of Camera-ready papers
- **August 20, 2006:** Workshop in Philadelphia, USA

Paper Submissions

The electronic submission Web site for research papers is available at:
<http://www.cs.fiu.edu/TDM06/myreview/>.

Papers should be at most 10 pages long, single-spaced, in KDD conference format, in font size 10 or larger with 1-inch margins on all sides.