



ADMA 2007 CALL FOR PAPERS

The Third International Conference on Advanced Data Mining and Applications

Harbin, China, August 6-8, 2007

Website: <http://db.cs.ualberta.ca/adma07/>

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Harbin(Ha'erbin), also known as "Bingcheng", "East Paris", is the capital of Heilongjiang Province, one of the historical and cultural cities in China, a city full of exotic atmosphere, a city of glittering and translucence.

The 1st International Conference on Advanced Data Mining and Applications (ADMA 2005) was successfully held in Wuhan, China, and the proceedings were published by Springer in LNAI 3584. The 2nd International Conference on Advanced Data Mining and Applications (ADMA 2006) is being held in Xi'An, China, and the proceedings are also published by Springer in LNAI 4093.

A growing attention has been paid to the study, development and application of data mining. As a result there is an urgent need for sophisticated techniques and tools that can handle new fields of data mining, e.g. spatial data mining in the context of spatial-temporal characteristics, streaming data mining, and biomedical data mining. Our knowledge on data mining should also have to be expanded to new applications.

The 3rd International Conference on Advanced Data Mining and Applications (ADMA2007) aims at bringing together the experts on data mining in the world, and provides a leading international forum for the dissemination of original research results in data mining, spanning applications, algorithms, software and systems, and different applied disciplines with potential in data mining.

The paper should be in English and contain unpublished contributions to the data mining fields.

The proceedings of the conference will be published by Springer in its Lecture Notes in Computer Science series.

We invite authors to submit papers on any topics of advanced data mining and applications, including but not limited to:

Advanced Data Mining Topics

- Grand challenges of data mining
- Mining on data streams
- Spatial data mining
- Web mining
- High performance data mining algorithms
- Data-mining-ready structures and pre-processing
- Data mining visualization
- Information hiding in data mining
- Parallel and distributed data mining algorithms
- Graph and subgraph mining
- Text, video, multimedia data mining
- Correlation mining
- Bench marking and evaluations
- Interactive data mining
- Security and privacy issues
- Competitive analysis of mining algorithms

Data Mining Applications (applied data mining in following listed areas)

- Database administration, indexing, performance tuning
- DNA Sequencing, Bioinformatics, Genomics, and biometrics
- Medical informatics
- Disaster prediction
- Financial market analysis
- Grid computing
- Image interpretations
- E-commerce and Web services
- Remote monitoring
- Online filtering

Important Dates

Full paper submission due: **February 26, 2007**
Acceptance notification: **May 6, 2007**
Final Camera-ready: **May 27, 2007**

Publication

Lecture Notes in Computer Science, Springer Verlag

