

# 2010 International Conference on Machine Learning and Cybernetics

InterContinental Qingdao, Qingdao, Shandong, China

11-14 July 2010

## Call For Papers on Invited Session "Advanced Data Mining and Applications"

In order to get high quality papers, we invite you to submit paper to Invited Session on Advanced Data Mining and Applications in International Conference on Machine Learning and Cybernetics (ICMLC) 2010.

### Description

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, and our knowledge on data mining should also have to be expanded to new applications. Within ICMLC 2010, the special session, Advanced Data Mining and Applications, invites you to submit original papers that contain significant research results, development work, and innovative practices in all areas of the advanced data mining and applications.

### Topics of Interest

#### 1. Advanced Data Mining

- Theoretical aspects of data mining
- Mining on data streams
- Text, video, multimedia data mining
- Mining spatial and temporal datasets
- Opinion mining and summarization
- Web mining
- Information hiding in data mining
- Parallel and distributed data mining algorithms
- Multirelational and multidatabase data mining
- Graph mining, link analysis, and social network mining
- Transfer learning in mining cross-domain data
- Privacy- and anonymity-preserving data analysis
- High performance data mining algorithms
- Visual data mining and interactive data mining

#### 2. Data Mining Applications

- E-commerce and Web services
- Financial market analysis
- Hydroinformatics
- Medical informatics
- Bioinformatics, Genomics, and biometrics
- Telecommunications
- Image interpretations
- Application of Data Mining in Education

### Important Dates

Submission Due:	31 March 2010
Notification of Acceptance:	15 April 2010
Camera-Ready:	24 May 2010

### Paper Submission

Authors must submit an electronic copy (in word or pdf) of their complete manuscript directly to the Session Organizer ([qianlima@scut.edu.cn](mailto:qianlima@scut.edu.cn)) on or before 31st March, 2010

### Organizers

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