Special Session on
Machine Learning Methods for Data Streams
MLMDS'2010

Under the framework of the 10th International Conference on Intelligent
Design and Applications, ISDA'10
November 29 – December 1, 2010, Cairo, Egypt
Conference web page: http://cig.iet.unipi.it/isda2010/

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Introduction: The progress of computer science caused that many institutions collected huge amount of data, which analysis is impossible by human beings. Nowadays simple methods of data analysis are not sufficient for efficient management of an average enterprise, since for smart decisions the knowledge hidden in data is highly required. The great disadvantage of aforementioned methods is that they "assume" that statistical properties of the discovered concept (which model is predicted) are being unchanged. In real situation we could observe so-called concept drift, therefore designing data mining methods, especially classification ones for data streams is currently focus of intense research. Papers describing original work in the following and related research topics are welcome:

- Adaptive and incremental learning,
- Machine learning methods for data streams,
- Detecting concept change in data streams,
- Applications.

Instructions for Authors:

Papers must correspond to the requirements detailed in the (Paper Submission) on the conference flyer http://cig.iet.unipi.it/isda2010/flyer.pdf and All accepted papers will be published in the

proceedings of ISDA'10 that will be also included in the IEEEXplore digital library. Extended versions of selected papers will be considered for publication

Registration Fees:
All papers must be presented by one of the authors, who must pay the registration fees.
http://cig.iet.unipi.it/isda2010/

Paper Reviewing and Publication

Submitted papers will be reviewed. Accepted papers, which should not exceed 6 pages (PDF) following the double column IEEE format. All accepted papers will be published in the proceedings of the ISDA'10. Selected papers will be published in special issues of a selection of International Journals (to be announced).

Tentative Dates of Submission and Acceptance

- Deadline for paper submission June 26, 2010
- Notification of acceptance August 14, 2010
- Camera-ready manuscript submission September 15, 2010

International Program Committee

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