



## I WORKSHOP INTERNATIONAL ON MINING OF NON-CONVENTIONAL DATA (MINCODA 2009)

### Organizing Committee:

Alicia Troncoso, Pablo de Olavide University, Seville, Spain ([ali@upo.es](mailto:ali@upo.es))  
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### Aim and Scope:

Data mining techniques provide useful tools to discover and analyze knowledge from experimental data. These tools are crucial for the scientific and technical advances in areas as diverse as biology, chemistry or engineering. The knowledge provided by these techniques has enabled researchers to make informed decisions about industrial process control, systems scheduling, marketing, among others. This workshop intends to focus on mining non-conventional data sources such as a massive databases, temporal data, spatial data, spatio-temporal data, multimedia data, high-speed data streams, etc. The main objective of the I Workshop on Mining of Non-Conventional Data in the XIII Conference of the Spanish Association for Artificial Intelligence CAEPIA-TTIA'2009 (<http://www.lsi.us.es/caepia09>) is to exchange ideas and knowledge for the advance of this line of research of Artificial Intelligence. The intended audience is the scientific communities of Data Engineering, Data Analysis, Data Mining, Computation and Artificial Intelligence. This session will be publicized in its own web site. Also, the call for papers will be distributed to the scientific community by email.

### Topics of interest:

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

1. Instance-Based Learning, Scalable Learning or Incremental Learning: Feature Selection, Classification, Clustering, Association Rules.
2. Multimedia Mining
3. Ambient Intelligence Mining
4. Text Mining
5. Spatial and Spatial-Temporal Data Mining
6. Data Streams Mining
7. Time Series Mining
8. Web Mining
9. Applications: Engineering, Marketing, Managing, Medicine and Biology

### Program Comité:

Alicia Troncoso, Pablo de Olavide University of Seville, Spain  
Marta Arias, Technical University of Catalonia, Spain  
Héctor Pomares, University of Granada, Spain  
José C. Riquelme, University of Seville, Spain  
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Joao Gama, University of Porto, Portugal  
Enriqueta Vercher, University of Valencia, Spain  
Pedro Isasi, University Carlos III of Madrid, Spain

### Special Session: Time Series Forecasting Competition

A special session based on a contest of time series forecasting is proposed in the workshop. The goal of this contest is to provide a fair basis for comparison of the results obtained by different data mining techniques applied to a time series forecasting problem. The proposed time series and prediction problem can be downloaded from <http://www.lsi.upc.edu/~marias/mincoda09>. The participants of the contest will publish the results in their submitted papers. The inscription of the conference will be free by the winner.

### Submission of papers:

Authors are invited to submit original papers by email to the organizing committee (atrolor@upo.es). Authors must submit manuscripts using the Springer format. The accepted papers will be published in the proceedings of the workshop and selected papers will be invited to submit an extended version of their paper for publication in a special volume of the Lecture Notes in Artificial Intelligence Journal of Springer Verlag (to be announced). See for more details: <http://www.lsi.us.es/caepia09>

### Important Dates:

**Deadline (Full Papers):** July 5, 2009  
**Notification:** September 1, 2009  
**Camera-ready copy:** September 15, 2009  
**Conference:** November 10-12, 2009  
**Workshop:** November 13, 2009