

Call for Papers

INTERNATIONAL WORKSHOP ON LEARNING FROM MASSIVE DATA

<http://www.lsi.us.es/~ferrer/caepia07/>

in conjunction with the

12th Conference of the Spanish Association for Artificial Intelligence

<http://caepia.usal.es/>

This workshop aims at gathering data mining researchers to demonstrate their recent research results in the area. While the primary objective is to provide an avenue for dissemination of research results and works in progress, we also seek to discuss the future development of knowledge discovery in massive data, and how the research will benefit applications. We invite authors to submit their work that demonstrates current research and novel applications in this area. Papers that address mining massive data techniques, systems and applications are welcome. We also encourage position and on-going research papers.

The topics for the workshop include (but do not restrict to):

Data Streams

- Theoretical frameworks for stream mining
- Real-world applications
- Visualization techniques
- Incremental learning approaches
- Fast mining algorithms
- Time series analysis
- Continuous queries
- Summaries and sampling
- Evolving data
 - Approaches for detecting changes
 - Theoretical quantification of changes
 - Visual approaches for concept drift representation
 - Clustering and classification of data of changing distributions

High-Dimensionality Data

- Interactive mining techniques and systems
- Real-world applications
- Visualization techniques
- Association Rules, Classification, Clustering, Feature Selection, Frequent Patterns, Novelty Detection

Important Dates

Submission deadline: July, 14th

Articles acceptance notification: September, 14th

Final version submissions: October, 9th

Workshop date: November, 13th

Workshop Chairs

Francisco J. Ferrer Troyano, University of Seville, Spain

Pedro Pereira Rodrigues, LIACC, University of Porto, Portugal

All prospective participants should submit a paper explaining the contribution to the field and the novelty of the work, making clear the current status of the work.

Papers should be written in English and formatted according to the Springer LNCS style, which can be obtained in <http://www.springer.de/comp/lncs/authors.html>, and not exceed 10 pages including references and figures. Paper submissions should be posted in PDF by the submission deadline to:

ferrer@lsi.us.es

prodrigues@liacc.up.pt

The scientific committee will select a subset of accepted papers for different kinds of presentations at the two workshop sessions. Papers will be peer-reviewed by at least 2 reviewers from our International Scientific Committee.

Scientific Committee

Alain Dessertaine - EDF, France	José A. Gámez - University of Castilla-La Mancha, Spain
Alejandro J. Garcia - Southern National University, Argentina	José Hernández-Orallo - Polytechnic University of Valencia, Spain
André Carvalho - University of São Paulo, Brazil	José A. Moreno - University of La Laguna, Spain
Antonio Bahamonde - University of Oviedo, Spain	Josep Roure - Carnegie Mellon University, US
Bart Goethals - University of Antwerp, Belgium	Juan Carlos Cubero - University of Granada, Spain
Carlos Bento - University of Coimbra, Portugal	Luis Torgo - University of Porto, Portugal
Carlos Soares - University of Porto, Portugal	María J. del Jesus Díaz - University of Jaen, Spain
César Hervás - University of Córdoba, Spain	María Moreno - University of Salamanca, Spain
Eduardo J. Spinosa - University of São Paulo, Brazil	Mark Last - Ben-Gurion University, Israel
Emilio S. Corchado - University of Burgos, Spain	Mohamed Medhat Gaber - CSIRO ICT Centre, Australia
Ernestina Menasalvas - Polytechnic University of Madrid, Spain	Nicolás García-Pedrajas - University of Córdoba, Spain
Francisco J. Ferrer-Troyano - University of Seville, Spain	Nieves R. Brisaboa - University of A Coruña, Spain
Francisco Herrera - University of Granada, Spain	Pascal Poncelet - EMA, France
Geoffrey Holmes - University of Waikato, New Zealand	Paulo Félix Lama - University of Santiago de Compostela, Spain
Georges Hebrail - ENST, France	Pedro Rodrigues - University of Porto, Portugal
Guillermo R. Simari - Southern National University, Argentina	Quim Melendez - University of Granada, Spain
Inmaculada Fortes, University of Málaga, Spain	Rafael Morales - University of Málaga, Spain
Javier Lorenzo - University of Las Palmas de Gran Canaria, Spain	Raúl Fidalgo, University of Málaga, Spain
Javier Segovia - Polytechnic University of Madrid, Spain	Ricardo Baeza-Yates - University Pompeu Farra, Spain
Joaquín Ordieres - University of La Rioja, Spain	Richard Weber - University of Chile
João Gama - University of Porto, Portugal	Rita Ribeiro - University of Porto, Portugal
José M. Cadenas - University of Murcia, Spain	Rossana Verde - Seconda Università di Napoli, Italy
José R. Cano - University of Jaen, Spain	Salvador Sánchez - Jaume I de Castellón University, Spain
José del Campo - University of Málaga, Spain	Toon Calders - Eindhoven Technical University, The Netherlands

Awards and Grants

The Intelligent Information Technology Systems and Educative Technology Group (<http://bisite.usal.es>) of the University of Salamanca, organisers of the 12th CAEPIA-TTIA, offers 15 grants/awards to facilitate the attendance of doctoral and young doctors both to the event itself and to the parallel workshops or tutorials. More information at http://www.lsi.us.es/~ferrer/caepia07/index.php/Awards_and_Grants