

09-12 Nov
CAEPIA '15
Albacete

**VII SIMPOSIO DE TEORÍA Y APLICACIONES DE
MINERÍA DE DATOS
(TAMIDA 2015)**

Organization:

Data Mining and Learning Spanish Network (<http://www.lsi.us.es/redmidas>)

Description:

This workshop is a meeting place for researchers, which study how is possible to take out useful knowledge using data mining techniques from a big information volume. Thus, data mining is crucial for the scientific and technical research due to the data mining techniques provide a set of tools to discover and to analyze the knowledge from experimental data. This knowledge is useful to take decisions about industrial processes control, systems scheduling, marketing... The main objective of the participation of the Data Mining and Learning Spanish Network in the XVII Conference of the Spanish Association for Artificial Intelligence CAEPIA'15 (<http://simd.albacete.org/caepia15/>) is to change ideas and knowledge providing an advance of this research line and to make possible its transfer to the society. For more details related to workshop, please see the following website: <http://simd.albacete.org/caepia15/conferencia/tamida2015/>

Topics:

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

1. **Machine Learning techniques and algorithms:** Classification; Clustering; Feature Selection; Instance based learning; Rule Learning; Soft-Computing; Scale-up Techniques; Incremental Learning; Ensembles
2. **Pattern Recognition**
3. **Evaluation**
4. **Data Pre-Processing:** Data Reduction; Data Transformation, Noise and Missing data processing techniques; non-balanced data
5. **Data Mining for Complex Data:** Text, Temporal data, Spatial data, Multimedia, Streaming data
6. **Big Data Mining**
7. **Visual Data Mining**
8. **Data Warehouses and Data Mining Integration:** OLAP, Data Mining Query, Relational Data Mining
9. **Data Mining Applications:** Biomedical applications; Commercial applications; Financial applications; Industrial applications; Web mining; Social mining

Chairs

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Tentative Program Committee:

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The authors will be able to select in online easyChair system if the paper is considered for its publication in Doctoral Consortium and Key works categories of CAEPIA or for its publication in TAMIDA. The Doctoral Consortium of CAEPIA is for research works of doctorate students. By the other hand, recently published works in journals and reknown forums will be preferred in the Key Works category. Once TAMIDA has been selected, the authors will be able to select if the paper is considered for its publication in Lecture Notes in Artificial Intelligence (LNAI). In such case, the paper has to be written in English language, the revision process will follow a peer-blind review policy (names of authors should be missed in the paper) and the revision will be carried out by the Program Committee of the CAEPIA main track. If LNAI is not selected, the revision will be carried out by the Program Committee of TAMIDA and the authors can write their names in the paper.

Style: Authors must submit manuscripts using the LNAI style. See (for style files and details): <http://simd.albacete.org/caepia15/contribuciones/estilo/>

Language: English / Spanish **Length:** The number of pages must not exceed 10 pages.

Deadline (Full Papers): May 10, 2015 (LNAI volume)

Deadline (Full Papers): July 10, 2015 (AEPIA volume)

Notification: June 25, 2015

Camera Ready (LNAI volume): July 24, 2015

Camera Ready (AEPIA volume): October 15, 2015