// Apologies if you receive multiple copies of this mail //

CALL FOR PAPERS CAEPIA'16 /

SECOND CALL FOR PAPERS: LNAI-Springer+Plenary Speakers

CAEPIA 2016

Conference of the Spanish Association for Artificial Intelligence (CAEPIA)

14th to 16th of September, 2016, SALAMANCA, ESPAÑA

http://caepia16.aepia.org

PRESENTATION

The Conference of the Spanish Association for Artificial Intelligence (CAEPIA) is an international forum, open to worldwide researchers willing to discuss the last scientific and technological progress in Artificial Intelligence.

This XVIIth edition, CAEPIA'16, will be held in Salamanca, from 14 to 16 September 2016. It is organized by the BISITE research group, which belongs to the University of Salamanca.

As in previous editions, the conference aims to facilitate dissemination of new ideas and experiences, to strengthen the links among the different research groups involved, to promote knowledge transfer between consolidated groups and new researchers, and to help spread new developments to society.

In order to achieve the proposed objectives, authors are requested to send original unpublished works, which describe relevant research about topics related to Artificial Intelligence from all points of view: formal, methodological, technical or applied. Works can be submitted in Spanish or English in LNCS format (Springer). Papers submitted to CAEPIA'16 will be under a double blind-review process. **Authors must remove their names from the submitted papers, as well as any other reference that could be used to identify them**. Additionally, they must take responsibility for the originality of the work, and they must submit it in the proper format.

CAEPIA'16 will also be open to pre-doctoral works, and there will be a special call for this type of submissions through the *"Doctoral Consortium"*. This event is especially designed for the interaction between PhD students and senior researchers.

In addition to the original and pre-doctoral papers, and given its success in the previous edition, CAEPIA'16 will also include a special session on outstanding papers (*"Key Works"*) previously published in journals or forums of renowned reputation.

Finally, the main topics for CAEPIA'16, always related to Artificial Intelligence research, will be structured in a set of Symposiums and the so-called Main Track, which will cover those areas not included in the Symposiums (please, see the final part of this CFP):

- Symposiums:

  * XI Symposium on Metaheuristics, Evolutive and Bio-inspired Algorithms (MAEB 2016)

  Chairs: Francisco Herrera and José A. Gámez
  http://caepia16.aepia.org/maeb-16/

  * VI Symposium on Fuzzy Logic and Soft Computing (LODISCO 2016)
  Chairs: Luis Martínez and Edurne Barrenechea
  http://caepia16.aepia.org/lodisco-16/

  * VIII Symposium on Theory and Applications of Data Mining (TAMIDA 2016)
  Chairs: José Riquelme and Alicia Troncoso
  http://caepia16.aepia.org/tamida-16/

  * III Symposium on Information Fusion and Ensembles (FINO 2016)
  Chairs: Emilio Corchado, Mikel Galar and Bruno Baruque
  http://caepia16.aepia.org/fino-16

- Main Track: Other topics on AI research, including:

  * Uncertainty in AI.
  * Probabilistic Graphical Models.
  * Natural Language Processing.
  * Knowledge representation, reasoning and logic.
  * Constraint Satisfaction, Search and Planning.
  * Robotics and artificial vision.
  * Multiagent systems.
  * Web intelligence and information retrieval.

  Chairs of CAEPIA'16 (Emilio Corchado and Oscar Luaces)

  http://caepia16.aepia.org/temas/

- Apps contest:

  * Apps based on AI techniques.

  Chairs:

  • Alberto J. Bugarín Diz, Universidad de Santiago de Compostela.
  • José A. Gámez, Universidad de Castilla de la Mancha.
  • Oscar Luaces, Universidad de Oviedo.

  http://caepia16.aepia.org/concursoapps/

PLENARY SPEAKERS

- Prof. Serafín Moral, Universidad de Granada. Spain.

- Prof. Xin Yao, University of Birmingham. U.K.

TYPES OF CONTRIBUTIONS

— Papers: Submitted technical papers must be no longer than 10 pages. Accepted papers will be assigned a 15 or 20-minute slot for oral presentation at the conference. The submitted paper will represent original research, with solid, well-founded or demonstrable results on any of the conference topics. They could be submitted to the Main Track or to the thematic Symposiums which will be held during CAEPIA'16.

– Doctoral Thesis projects (*"Doctoral Consortium"*). Brief description of the research being carried out. Starting hypotheses and previous research supporting the project must be stated. The main goal and its itemization in subgoals should be briefly and precisely enumerated. This project reports must be no longer than 5 pages. Accepted projects will be assigned a 15-minute slot for oral presentation at the conference. See Doctoral Consortium CFP for further details.

– Outstanding papers previously published (*"Key works"*): Recent works published in journals or forums of renowned reputation, during the period 2014-2016. The aim is to spread them among a wide audience from the AI community, giving the members of the community a chance to be exposed to fields of research they are not familiarized with, and to foster interdisciplinarity. Papers must be submitted in a one or two-page format, with a clear reference to the previously published paper, and highlighting its impact. The selection of papers will be made by the presidents of the CAEPIA PC together with the presidents of the other related Symposiums and workshops.

IMPORTANT DATES

Submission calendar for CAEPIA'2016 will be the following:

For the volume published by Springer Lecture Notes LNAI:

- Paper submission deadline: April 1st, 2016
- Author notification: May 1st, 2016
- Revised paper submission deadline: May 15th, 2016
- Camera-ready copy (source files) and (at least one) author registration: May 20th, 2016

For the volume published by the organizing committee (Editorial Salamanca University Press):

- Paper submission deadline: May 1st, 2016
- Author notification: June 1st, 2016
- Revised paper submission deadline: June 20th, 2016
- Camera-ready copy (source files) and (at least one) author registration: June 25th, 2016

CAEPIA'16 Conference dates: from 14 to 16 of September, 2016.

SUBMISSION OF CONTRIBUTIONS

Papers must be formatted according to LNCS guidelines with a maximum length of 10 pages. For details about formatting and submission instructions please consult the CAEPIA'16 web site:

http://caepia16.aepia.org/formato

EASYCHAIR and TRACKS:

Easychair URL: https://easychair.org/conferences/?conf=cedi2016

*Note: Choose the right track for CAEPIA'16 or the corresponding symposium.

PROCEEDINGS

All accepted papers in CAEPIA will be published in the official proceedings, distributed in two volumes that will be delivered in electronic form to all the registered participants.

- One volume published by Springer-Verlag in its Lecture Notes in Artificial Intelligence series (LNAI), which will contain a selection of the best papers

accepted by the Program Committee in the Main Track and Symposiums. Papers should be submitted in English in order to be included in this volume.

- One volume published by the Spanish Association for Artificial Intelligence that will contain all the accepted CAEPIA papers not included in the previous volume, abstracts of Key Works and Doctoral Consortium papers.

TOPICS

Topics are open and any work related to AI research and its applications is welcome. However, for guidance, the next topics for the Main Track and related Symposiums (per area) are included below. This can be found (together with the corresponding Program Committee) using the web page corresponding to the particular event:

- XI Symposium on Metaheuristics, Evolutive and Bio-inspired Algorithms (MAEB 2016)
Chairs: Francisco Herrera and José A. Gámez
http://caepia16.aepia.org/maeb-16/

- VI Symposium on Fuzzy Logic and Soft Computing (LODISCO 2016)
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- III Symposium on Information Fusion and Ensembles (FINO 2016)
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- Main Track:
http://caepia16.aepia.org/temas/

- Apps contest:
http://caepia16.aepia.org/formato/

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