Call for Papers
47 JAIIO

Organized by Facultad de Ingeniería - Universidad de Palermo, SADIO

September 3rd-7th, 2017

Ciudad de Buenos Aires, Argentina

ASAI - Argentine Symposium on Artificial Intelligence (JAIIO)

SADIO organizes this event that aims at bringing the Artificial Intelligence communities of Latin America in general and Argentina in particular in a forum to discuss ideas, experiences and research results among educators, researchers, students and industry representatives. The event is part of the 47 JAIIO. It will take place in the Facultad de Ingeniería - Universidad de Palermo from September 3rd to September 7th 2018, with the collaboration of the Argentinean Association of Artificial Intelligence (AAIA). The event seeks for original contributions in the areas of Artificial Intelligence and Operations Research, including academic research as well as influential industrial and business applications that yield lessons learned from their development.

In order to bring the academic and professional sectors together, companies, professionals, educators and researchers are invited and encouraged to contribute with submissions following the traditional research work format as well as with concrete applications, case studies, specific tools, technology transfer activities and practical research experience reports related to the themes of the symposium. This type of work can be submitted in any of the modalities mentioned below.

Topics of interest:

Suggested, but not exclusive, topics of interest for submissions include:

- Intelligent agents and multi-agent systems
- Smart environments
- Machine learning
- Automated reasoning
- Knowledge representation
- Bio-inspired computing
- Natural language processing and linguistic computing
- Artificial neural networks
- Fuzzy logic
- Expert systems and knowledge-based systems

Artificial life

Pattern recognition

Artificial intelligence in data analysis

Clustering

Artificial vision

Data mining

Decision support system

Formal and empirical aspects of artificial intelligence

Computer interaction

Personalization and recommendation systems

Planning and scheduling

Robotics

Innovative applications of artificial intelligence: big-data, bioinformatics and biological computing, education, social networks, virtual reality, etc.

Important dates:

Submission deadline: April 13, 2018.

Notification of acceptance: June 22, 2018.

Deadline for author registration: July 09, 2018.

Deadline for camera-ready papers submission: July 09, 2018.

Conference dates: September 03-07, 2018.

Accepted papers:

The evaluation will follow the same standards of previous ASAI. Accepted papers will be published in the symposium proceedings. **The best papers from ASAI will be invited to an special issue of SADIO Electronic Journal and Revista Iberoamericana de Inteligencia Artificial (http://journal.iberamia.org), both of them indexed in Latindex.**

At least one of the authors of the accepted article must be registered in JAIIO before the deadline for sending the camera-ready version. In addition, authors are expected to attend the symposium on the date and time indicated for presenting the accepted article. Please note that articles whose author does not attend the presentation will be removed from the proceedings. Eventually, authors can authorize a third-party as an alternate presenter of the article

Submission format:

All contributions should be submitted in PDF format and should use the LNCS paper size available in: http://www.springer.de/comp/lncs/authors.htm. Contributions should be written in Spanish, Portuguese or English. They will be reviewed by an international Program Committee with members coming from academia and industry. The final program and proceedings will only include papers with at least one author registered in the AUTHOR category of the conference before the camera-ready submission deadline.

Four types of contributions are possible:

Full papers up to **14 pages**, describing original work that has not been previously published, accepted for publication nor is currently under review. These papers will undergo a review process and those that are accepted will be presented orally during the conference and published in the JAIIO proceedings.

Short papers up to **4 pages**, describing ongoing research work. These papers will undergo a review process and those that are accepted will be presented orally during the conference and published in the JAIIO proceedings.

Communications. Through this type of contribution, authors are expected to inform the community about recent publications in high-impact journals or international conferences. Contributions must be written in English and should consist of the title, authors' names, affiliations, abstract and the name of the venue where the article has been published. The communication must be **no longer than 1 page**. Accepted communications will be presented orally during the conference but only the abstract will be published in the JAIIO proceedings.

Extended Abstract for Software Companies (Poster Track). This type of contribution provides an opportunity for professionals in the software industry to present and discuss their latest developments, ideas, ongoing research, experiences and challenges in AI. The submission must include an extended abstract, with a maximum recommended length of **2 pages**, including all texts, annexes and figures. The main evaluation criteria include the relevance and quality of the proposed poster in terms of originality, relevance, technical soundness and the quality of the presentation. The goal of this common space is to encourage the exchange of ideas and experiences among participants of the symposium. The abstract is included in the Proceedings of the JAIIO.

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