
CCIA 2018 - 21st International Conference of the Catalan Association of Artificial Intelligence

SECOND CALL FOR PAPERS

October 8-10, 2018
Roses, Catalonia (Spain)

Web Page: <https://ccia2018.upc.edu/en/>

INTRODUCTION

We invite you to participate in the 21st International Conference of the Catalan Association for Artificial Intelligence (CCIA 2018) that will take place on 8-10th October 2018 on the beautiful Bay of Roses, at Alt Empordà, Catalonia (Spain).

The main goal of this international conference is to foster discussion around the last advances in Artificial Intelligence. We encourage you to contribute with finished works as well as preliminary works with promising original and innovative ideas.

CCIA is the usual meeting point of the Catalan AI scientific community, this is why the conference official languages are Catalan, Spanish, French, Italian and English. However, English must be used to be published in the conference proceedings.

This CCIA edition is also hosting the first commemorative activities of the 25th anniversary of the foundation of the Catalan Association for Artificial Intelligence (ACIA), which will start in a specific act at the conference and will continue all along the 2018-2019 academic course. ACIA is a member society of the European Association for Artificial Intelligence (EurAI).

TOPICS

- Cognitive Modelling and Cognitive Systems
- Knowledge Representation and Ontologies
- Logic, Reasoning and Fuzzy Logic
- Agents and Multi-agent Systems
- Machine Learning and Case-based Reasoning
- Artificial Neural Networks and Evolutionary Systems
- Fusion/Aggregation of Information
- Data Mining and Knowledge Discovery from Databases / Data Science
- Planning, Optimization, Satisfiability and Constraints

- Artificial Vision and Image Processing / Perception
- Human-Machine Communication and Natural Language Processing
- Robotics
- Recommender Systems, Text Mining, and Semantic Web
- AI Applications
- AI Problem Solving
- Real Time AI

IMPORTANT DATES

- Submissions deadline:
- Author notification:
- Early registration date:
- Camera-ready paper submission deadline:
- Conference dates:

April 23, 2018
June 4, 2018
June 15, 2018
July 1, 2018
October 8-10, 2018

PAPER SUBMISSION

We invite you to submit papers reflecting both finished works as well as works in progress, containing original and promising ideas. We welcome the following types of submissions:

- Short papers (2-4 pages)
- Long papers (8-10 pages)

Long submitted papers will be peer-reviewed based on technical quality, relation to the topics of the conference, originality, relevance, significance, and clarity. Short papers will be evaluated for their significance considering them as ongoing work description.

Note that all submissions must be original.

Short accepted papers will be presented as posters, mainly.

Paper submissions must meet the following guidelines:

- Papers must be written in English language to be published in the proceedings.
- Papers must be submitted in PDF format following the IOSPress guidelines. Detailed instructions, templates and stylesheets for manuscript preparation are available to download here:
 - LaTeX: <http://www.iospress.nl/wp-content/uploads/2016/09/ECRC-Author-Instructions-and-tools-Latex.zip>
 - MsWord: <http://www.iospress.nl/wp-content/uploads/2016/09/ECRC-Author-Instructions-and-tools-Word.rar>
- Papers should not include page numbers.

- All papers must have an Abstract and a list of keywords

Papers should be submitted through the EasyChair platform at <https://easychair.org/conferences/?conf=ccia2018>

PUBLICATION

Accepted papers will be published at the conference proceedings book in the collection “Frontiers in Artificial Intelligence and Applications” of IOS Press. Camera-ready versions of accepted papers should follow in the same IOSPress format guidelines.

Extended versions of the conference best papers will be invited to be submitted to special issues of indexed journals (to be determined at the moment). Extended papers will follow a second review process. The expected publication date of these issues is mid 2019.

* N E W * POST-CONFERENCE PUBLICATIONS

A Special Issue on “Logic-based applications in AI” is planned to be published by the “Journal of Applied Logics: IfCoLog Journal of Logics and their Applications”. This journal is sponsored by the International Federation of Computational Logic (IfCoLog) and it covers all areas of pure and applied logic, broadly construed. All papers published are free open access, and will be available via the College Publications website. There is no limit on the number of pages per article, and no limit on the number of papers per issue. This journal is embedding the Journal of Applied Logic, no longer published

by Elsevier (indexed in JCR: Q1-Logic, Q3-CS-Methods, Q4-CS-AI). We expect that the impact factor of the unified journals will continue and grow even stronger. For more details see:

<http://www.collegepublications.co.uk/journals/ifcolog/>

Other special issues coming soon!

STUDENTS GRANTS

After receiving the notification of acceptance, students who will attend the conference can apply for grants funded by Associació Catalana d'Intel·ligència Artificial (ACIA, <https://www.acia.cat/>).

These grants consist of 250€ to cover transportation and accommodation costs. More information can be found on the ACIA webpage.

ORGANIZATION

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Local Organization Chair:

Scientific Programme Chair:

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Karina Gibert (UPC)
Zoe Falomir (U. Bremen)

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