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

THIRD CALL FOR PAPERS

NEW Extended Deadline: 14 May

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October 8-10, 2018, Roses, Catalonia (Spain)
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NEW Venue: Hotel Marian Plage, Avda Salatar, 17480, Roses
Web Page: <https://ccia2018.upc.edu/en/>
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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 in Hotel Marian Plage on the beautiful Bay of Roses, at Alt Empordà, Catalonia (Spain), <https://www.timeout.cat/girona/ca/noticies/la-badia-de-roses-catalogada-com-una-de-les-mes-boniques-del-mon-041818> [www.timeout.cat].

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.

NEW The deadline for submissions have been extended to May 14th, 2018.

NEW

Visit the conference website ccia2018.upc.edu and have a look at:
-- the high quality keynote speakers invited for the conference.
-- social programme: the gala dinner takes place at Castell de Peralada. 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).

Subscribe to our news to receive direct updates on your email:
<https://ccia2018.upc.edu/en/subscribe>

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

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|----------------------------|------------------------|
| * Submissions deadline: | Maig 14, 2018 (strict) |
| * Author notification: | June 15, 2018 |
| * Early registration date: | June 20, 2018 |
| * Camera-ready: | July 1, 2018 |
| * Conference dates: | 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 the following special issues:

1) SI on "Logic-based applications in AI" in the "Logic Journal of the IGPL", Oxford University Press <https://academic.oup.com/jigpal> (indexed in JCR: Q3 - Logic, Q3 - Mathematics, Q4 - Mathematics Applied). Logic Journal of the IGPL publishes papers in all areas of pure and applied logic, including pure logical systems, proof theory, model theory, recursion theory, type theory, nonclassical logics, nonmonotonic logic, numerical and uncertainty reasoning, logic and AI, foundations of logic programming, logic and computation, logic and language, and logic engineering.

2) *NEW* VSI on "Pattern Recognition and Cognitive Assistants (PRCA)", at Pattern Recognition Letters, Elsevier <https://www.journals.elsevier.com/pattern-recognition-letters> (indexed in JCR: Q2 - Computer Science, Artificial Intelligence). PRLetters includes all the current fields of interest represented by the Technical Committees of the International Association of Pattern Recognition, and other developing themes involving learning and recognition.

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, <http://www.acia.cat/>). These grants consist of up to 250€ to cover transportation and accommodation costs. More information can be found on the ACIA webpage.

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