

WELCOME TO THE IIIA NEWSLETTER

*Collaborative space in which every month we will present
the news of the IIIA so that no one misses anything*

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Nº 2 MAY 2021

The image of the month:

Our first annual report

You can read it if you click on the image.



MAY AGENDA

Seminars

- **04/05/2021:** Reinforcement learning in continuous spaces and its applications to robotics by **Adrià Colomé Figueras** (Institut de Robòtica i Informàtica Industrial)
- **11/05/2021:** Probabilistic models for competence assessment in education by **Alejandra López de Aberasturi Gómez** (IIIA-CSIC)
- **18/05/2021:** The programming architecture of babbage's analytical engine by **Raúl Rojas González** (Free University of Berlin)
- **25/05/2021:** "Security and privacy in AI-based systems" by **Jose M Such** (King's College London)

Open application calls

- **13/06/2021:** 2ª Edición Premios "Fundación Real Academia de las Ciencias al Joven Talento Científico Femenino". Click here to read the contest rules.
- **25/06/2021:** Top Secret Rosies (Platform of online formation in AI to women who are in the last course or recently graduated in a STEAM degree)

Events

- **06/05/2021:** #ARTIFICIASession3 Musical Performance & Education with AI.
- **06/05/2021:** Decidim4CS - Citizen Science Powered by Deliberation (Collaborative session 19.30-20.30 by Oguz Mulayim)
- **27/05/2021:** Introducció a la Intel·ligència Artificial per a tots els públics.

IIIA PRODUCTION

New papers

Jesus Cerquides, Oguz Mulayim, Jerónimo Hernández-González, Amudha Ravi Shankar, & Jose Luis Fernandez-Marquez (2021). **A Conceptual Probabilistic Framework for Annotation Aggregation of Citizen Science Data**. *Mathematics*, 9.

[Read it here!](#)

(Early Access) J. Perez, J. L. Flores, C. Blum, J. Cerquides and A. Abuin, **"Optimization Techniques and Formal Verification for the Software Design of Boolean Algebra Based Safety-Critical Systems,"** in *IEEE Transactions on Industrial Informatics*. (Journal Impact Factor: 9.112)

[Read it here!](#)

Antoni Perello-Moragues, Manel Poch, David Sauri, Lucia Alexandra Popartan, & Pablo Noriega (2021). **Modelling Domestic Water Use in Metropolitan Areas Using Socio-Cognitive Agents**. *Water*, 13.

[Read it here!](#)

Dissemination text

Divulgación científica y narrativa de ficción por Pedro Meseguer.

[Read it here!](#)

IIIA IN THE MEDIA



Fallo de sistema 2011-2031



Ramon López de Mántaras, pioner de la IA:
"Els escacs s'haurien d'incorporar a les
escoles"



Huellas



Col·loqui: La divulgació científica com a
gènere

(amb Ramon López de Mántaras, Pedro Meseguer i Vicent Costa)



La intel·ligència artificial | #EUROPADIGITAL,
amb Xantal Llavina

THE NEW OF THE YEAR IN THE AI



Europe fit for the Digital Age: Commission
proposes new rules and actions for excellence
and trust in Artificial Intelligence

OUT OF TOPIC



Open Research Europe

The open-access publishing platform for scientific articles that present the results of research funded by Horizon Europe.

Read [here](#) the letter of Mr Jean-Eric PAQUET, Director-General of the European Commission Research department.



XI CONCURSO DE RELATOS DE INSPIRACIÓN CIENTÍFICA

Application until 13 June 2021.



Focus on reduced inequalities:

call for contributions

Application until 16 May 2021.



Original 16 Brewery Sessions - Colter Wall "Sleeping on the Blacktop"

Enjoy our musical recommendation.

To know more about this young singer (25), click [here](#) (report in Spanish)

Do you have any information that may be of interest to your colleagues?

Do you have any thoughts on the information included in this issue?

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