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

You can subscribe by sending an email to *iiia-newsletter-subscribe@lists.iiia.csic.es*

Nº 7 NOVEMBER 2021

THE IMAGE OF THE MONTH

NEW SECTION:
IIIA TRANSFER TECHNOLOGY

You can know more about our transfer technology if you click on the image.

CONTACT: UDT-direccio@iiia.csic.es

Knowledge and technology transfer from IIIA research to society

Coordinated by UDT-IA

We provide software solutions that improve the processes carried out in an entity, and we added value to their practices. We also offer to be consulting voices and advice, and we train qualified staff.

The IIIA, through different agents and strategies, ensures knowledge transfer to society is carried out at both educational and business level.

How do we do it?

PROJECTS IN COLLABORATION

We participate as a centre of research in projects led by companies and subsidized with public funding.

PROJECTS UNDER DEMAND

We develop projects for the company custom designed. We provide advice and studies feasibility on AI techniques.

INDUSTRIAL PHD

We help companies propose and direct an Industrial PhD, helping to improve the competitiveness and internationalization of theindustry.

We use Artificial Intelligence techniques from the results of our research in projects of consulting or development. We seek to amplify the impact of new technologies, practices and knowledge, generating mature solutions to any problem that is in software development processes.

NOVEMBER AGENDA

Seminars

- **02/11/2021**: Simulating the Future of Mobility: How can AI help? by **Dídac Busquets** (Immense Simulations). 12.00h
- **09/11/2021**: Social media analysis and crowd-sourcing for disaster management by **José Luis Fernández-Marquez** (University of Geneva). 12.00h
- **16/11/2021**: Agent and Multi-agent Techniques for Resource Allocation and Scheduling in Earth Observation Satellite Constellations by **Gauthier Picard** (ONERA/DTIS, Université de Toulouse). 12.00h
- **23/11/2021**: Estimating Context-Specific Values from Natural Language by **Enrico Liscio** (TU Delft).12.00h
- **30/11/2021**: Time, Technology, and Globalization. A study of the role of technology in processes of modernization and globalization using the Press, Big Data, and Computational Research Methodologies (GLOTECH) by **Elena Fernández** (Supported by a Marie Sklodowska-Curie grant. Grant number: 101024996 || Department of Computational Linguistics, University of Zurich).12.00h

✉ If you are interested in participating in some of these webinars,
please send an e-mail stating your interest to **zoomiiia@iiia.csic.es** or **visit our** web to get the link.

Open application calls

- **05/11/2021**: DecidimFemDev (Open call for female and non-binary gender developers that seeks parity in the development of the Decidim code, reinforcing and facilitating the participation of them in the platform. Compatible with others jobs/studies)
- **15/11/2021**: Manifestación de Interés para el Programa Nacional de #AlgoritmosVerdes (Mitigation of the environmental impact of AI and technological solutions for ecological transition) More information here.
- **15/11/2021**: AI4Future Open Call (AI4future is searching for 4 artists to work at an AI-based artwork in collaboration with young European activists to foster new urban community awareness. DISCOV)

Events

- **08/11/2021:** Jornada IA: Oportunitats de la IA integrada amb IoT-5G
- **09/11/2021:** Inteligencia Artificial y Movilidad Compartida (Filippo Bistaffa)
- **12-26/11/2021:** La Inteligencia Artificial de cerca (Open days at the IIIA for the Science Week) Bajo inscripción y aforo limitado.
- **18/11/2021:** AI for Humanity and Society: Shaping a Future with AI – The Role of Policies.
- **29/11/2021:** El traje nuevo de la Inteligencia Artificial (Ramon López de Mántaras)
- **29-30/11/2021:** 2nd NAVER LABS Europe International Workshop on AI for Robotics
- **30/11-01/12/2021**: Global forum on AI for children. (UNICEF and the Government of Finland)

IIIA PRODUCTION

New papers

M. Coniglio, F. Esteva, T. Flaminio, L. Godo. **On the expressive power of Łukasiewicz square operator**. Journal of Logic and Computation.

Read it here!

Jesus Cerquides (2021). **Parametrization invariant interpretation of priors and posteriors**. arXiv:2105.08304 [cs, math, stat]

Read it here!

Awards

The paper **"Combining Clause Learning and Branch and Bound for MaxSAT"** with authors "Chu-Min Li, Zhenxing Xu, Jordi Coll, Felip Manyà, Djamal Habet, Kun He" has received the Best Paper Award at the CP-2021 congress (the 27th International Conference on Principles and Practice of Constraint Programming).

Read it here!

New project

RHYMAS: Real-time Hybrid Multiscale Agent-based Simulations for emergency training.

PIs: Jordi Sabater-Mir and Nardine Osman.
Researchers: Carles Sierra, Pere Garcia, Pablo Noriega and Josep Puyol.
With the collaboration of the Institute for Public Security of Catalonia.

Know more about it here!

WELCOME TO THE IIIA
They are the new students with a JAE INTRO ICU.
We hope you have **a great experience** at the IIIA!

You can know more about our JAE Intro ICU projects if you click on the image.

WELCOME TO THE IIIA

JAE INTRO ICU 2021

IIIA-CSIC
ARTIFICIAL
INTELLIGENCE
RESEARCH
INSTITUTE

Ignasi Camps

Sebastián Cristancho

Albert López

Daniel Fernández

Marcell Veiner

SCIENCE POPULARIZATON

"Dos novelas cortas"
by Pedro Meseguer
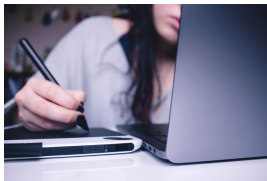(Click on the image to read it)

IIIA IN THE MEDIA

Alhub coffee corner – foundation models
(with the participation of Carles Sierra, Sanmay Das, Tom Dietterich, Stephen Hanson, Sabine Hauert and Holger Hoos)

"Intel·ligència Artificial. Què és i perquè està tan de moda?"
(Ramon López de Màntaras and Ana Montserrat)

How AI can guide course design and study choices to help graduates get the jobs they want
(Tomas Trescak)

BFUTURE "AI: Increasing Value Creation, Building a Better Society"
(Carles Sierra)

#DecidimFest21: Decidim and participatory citizen science
(Jesús Cerquides & Maite López)

OUT OF TOPIC

Dimensión de género en los proyectos de I+D+I

Women & Science unit from the Spanish Government has prepared a series of informative videos and educational material focused on breaking down the visible and invisible barriers encountered by female researchers.

Find more in this link.

The 2020 EurAI Dissertation Award
Unsupervised Machine Translation by Mikel Artetxe
Congratulations!

European Association for Artificial Intelligence

Certificate

The 2020 EurAI Dissertation Award
has been awarded to

Mikel Artetxe
University of the Basque Country (UPV/EHU), Spain

for his outstanding doctoral dissertation
Unsupervised Machine Translation

Carles Sierra, President. October 2021.

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?
Please send us an email to laura@iiia.csic.es

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