Position Offered: POSTDOCTORAL RESEARCHER

Project: *Lost in translation? Tracing the communication interface between science, society and the media: a computational social science approach*

Technological and scientific fields: Science of Science, Economics of Science, Communication, Research Evaluation

Location: Valencia, Valencian Region, INGENIO (CSIC-UPV): Institute of Innovation and Knowledge Management. https://www.ingenio.upv.es/en

Research Group/PI: Adrián A. Díaz-Faes (PI), Pablo D'Este (co-PI)

PROJECT SUMMARY

From a science policy perspective, there is a growing determination to boost interaction between science and society, with the underlying rationale that research results must produce significant societal impacts. In partial respond to this demand, science is shifting from the exclusive domain of experts to recognising citizens as active contributors. This dynamic is evident in science communication, transformed by widespread internet access, digitalisation, open data, social media, and citizen science platforms. Although these changes have democratised content creation and dissemination, they directly impact the accuracy and effectiveness of science communication and question how general audiences can recognise, understand and use reliable scientific information. This project brings together science of science, communication, and computational social science frameworks with the aim to advance beyond the current state of the art on: (i) how scientific evidence is used, communicated and discussed in news and social media and; (ii) develop new methods and indicators to monitor accuracy and effectiveness in science communication, by applying natural language processing (NLP) techniques and advanced statistical methods (network analysis, science mapping, and econometrics).

PROFESSIONAL PROFILE

Minimum requirements:

- PhD in quantitative science studies, economics, data science, information technology, sociology or related fields
- Demostrated progamming skills in SQL, Python, and/or R
- Experience with bibliometric data and data visualisation
- Profficiency in both written and spoken English

Merits to be considered:

- Familiarity with NLP techniques and algorithms used in machine learning will be given strong consideration
- Expertise on multivariate analysis and econometrics
- Interdisciplinary research profiles are highly encouraged
- Good command of written and spoken Spanish
- Applications should include: cover letter explaining your interest (1 page), CV (3 pages) and description of your ongoing research and broader research agenda (1 page)

WHAT IS OFFERED

- Four-year contract with a competitive salary and dedicated funds for training
- An interdisciplinary and vibrant research environment with extensive networking opportunities
- A tailored training programme to strengthen your data science competences (240 ECTS)
- Opportunities to carry out visiting periods at leading international research institutes
- Develop your own research agenda within the scope of the project

Contract conditions:

Indefinite contract for a Postdoctoral Researcher associated to the Momentum Project of 4 years' duration according to Spanish science law. Gross annual salary (41.000 € - 52.000 €).

Start of contract: before 31 December 2024

PRINCIPAL INVESTIGATOR CONTACT

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