



Job offer for researchers, research technicians or research support officers under Chapter 6 allocation

Job offer

Title

37/2023 - Graduate in physics/computer science/applied mathematics to join the research project: TED2021-131836B-I00.

Main researcher

Name: Tomás Miguel

Last name 1: Sintés

Last name 2: Olives

Department: Institute of Interdisciplinary Physics and Complex Systems (IFISC)

Contract details

Job description

Satellite image processing using machine learning techniques to identify seagrass patterns along the Mediterranean coast. Assessing time correlations between sea surface temperature and observed changes in the spatial organisation of seagrass.

Category: R1 - Graduate / Engineer / Architect

Qualification: Bachelor's degree or equivalent

Field of research: Mathematics

Subarea of research: Applied Mathematics

Contract type details

Type of contract: Fixed-term

Full/Part-time: Full-time

Hours per week: 37,5

Work schedule: 8:30-13:00h; 14.00-17:00h

Application submission deadline

From Monday, February 27, 2023 until Monday, March 13, 2023

Planned start date: Tuesday, April 25, 2023

Planned end date of the tasks subject to the contract: Tuesday, April 30, 2024



Research project / Agreement

Type of activity: Project

Funding body: Proyecto de referencia TED2021-131836B-I00 financiado por MCIN/AEI /10.13039/501100011033 y por la Unión Europea NextGenerationEU/ PRTR.

Call: Projectes Estratègics Orientats a la Transició Ecològica i a la Transició Digital - FONS PRTR

Programme: Projectes Estratègics Orientats a la Transició Ecològica i a la Transició Digital

Reference number / Official code: TED2021-131836B-I00

Number of positions available: 1

Candidate requirements

Skills/Qualifications

Undergraduate degree in physics, mathematics or industrial engineering (electronics, telecommunications, etc.).

Specific requirements

Computing skills in Python and C++ programming languages, as well as the Tensorflow package.

Language requirements

Fluent in English (reading, writing, speaking).

Experience required: 1-4 years

Prior experience

Data processing and model building.

Additional information

Monthly salary and benefits: 1.550,00 €

Selection process

In accordance with article 8 of REGULATORY AGREEMENT 145140 of 15th June 2022 that approves the regulation governing the recruitment of research staff under chapter 6 allocation of the university budget, as well as technical or operational research staff.

Selection criteria:

- Accomplishments in the field (max. 40 points)
- Qualifications in the specialised area (max. 20 points), other (max. 5 points)
- Video CV and, where applicable, a personal interview (max. 20 points)
- Experience in the field (max. 15 points), e.g.: > 3 years (10 points), < 3 years (5 points)
- Other merits (max. +5 points), e.g. letters of reference.

Eligibility threshold: 60 points.

Selection comitee

- i. The relevant Pro-Vice-Chancellor for research (or delegated representative) as chair.
- ii. The supervisor (or delegated representative).
- iii. The members of the Research Area Assessment Committee (CARAI).



- iv. One or more expert members in the topic pertaining to the recruitment and chosen by the chair of the committee, where applicable.
- v. The head of FORHU (or delegated representative), as secretary, who may speak but not vote.

Additional comments

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