

CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

1 (one) Research Fellowship (BI) for a Master Student

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “GNSS and InSAR Meteorology: improving the forecast of moist convection”, “EXPL/CTA-MET/0671/2021”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Projects in All Scientific Domains (PTDC 2021) – exploratory (PeX), under the following conditions:

1. **Scientific Area:** Geospatial Engineering
2. **Requirements for admission:** Candidates must have a Bachelor in Geospatial Engineering.
3. **Additional optional skills and qualifications:** Knowledge in remote sensing, GNSS data processing, proficiency in programming with Python and Matlab, and strong command of the English language.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Master in Geospatial Engineering.
5. **Work plan:** In order to estimate the three-dimensional field of tropospheric water vapor using GNSS tomography techniques, the work plan will include the following tasks: 1) processing of GNSS observations; 2) tomographic processing; 3) validation of the obtained results; 4) writing of the Final Report.
6. **Legislation framework:** Research Fellowship Holder Statute, in accordance with Law 40/2004, of 18 August, in its current version and the FCT Regulation for Research Studentships and Fellowships, in its current version (Reg. 950/2019 published in DR on 16th December: <https://dre.pt/application/file/a/127230968>, or at the FCT website: <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>), and FCiências.ID Fellowship Regulation, as approved on 12th May 2020 (available at [Regulamento de Bolsas de Investigação Científica da FCiências.ID](#)).
7. **Place of work:** The work will be developed at the Instituto Dom Luiz (IDL), Faculdade de Ciências da Universidade de Lisboa (FCUL) under the scientific supervision of Professor Pedro Mateus and João Catalão.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in March 2023. The fellowship contract may be potentially renewed for until the end of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
9. **Monthly allowance:** The fellowship amounts to € 875,98, according to [table values](#) of the fellowships awarded directly by the FCT, IP. The fellowship holder will have a personal accident insurance and can ensure the right to social security through adherence to the voluntary social insurance scheme, if not covered by any other social protection scheme, pursuant to *Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social*. The fellowship will be paid monthly by bank transfer.

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10. **Evaluation and selection process:** Candidates will be assessed by curriculum evaluation (100%). And, eventually, a selection interview. If the jury chooses to carry out the selection interview, it will be held with the 3 (three) candidates with the best classification in the curriculum evaluation. In the event of a selection interview being carried out, the final evaluation will be obtained taking into account the following weightings: 70% for the curriculum evaluation and 30% for the selection interview.

Applicants whose application is scored with a final classification of less than 75 points are not eligible for granting a fellowship.

11. **Selection Committee:** Pedro Mateus (President), João Catalão (effective member), Virgílio Mendes (effective member), Pedro Miranda (alternate member), Ana Navarro Ferreira (alternate member).

12. **Publication/notification of results:** All the candidates will be notified by e-mail, sent by the call holder, with the selection meeting minutes enclosed.

13. **Deadlines:** This call for applications is open from 25/01/2023 to 16/02/2023 .

14. **Application:** Applications should be sent via e-mail to pjmateus@fc.ul.pt, by attaching the following documents:

- a. Curriculum vitae - **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
- b. Certificate of completion of previous degree.

15. **Time limits for the appeal procedure:** In case of negative decision, the candidates have 10 business days, after the date of announcement of the results of the candidates evaluation, to pronounce their disagreement in accordance with the *Código do Procedimento Administrativo*. Appeals against the final decision may be submitted to the Administration Board of FCIências.ID (fciencias.id@fciencias-id.pt) within 15 business days after the notification date

Note 1: The documents that prove the entitlement of the academic qualifications and diplomas, or the proof of registration in the academic degree or diploma requested on the call, can be dismissed during the application period and replaced by a declaration on their honour from the applicant. Their delivery is mandatory for the fellowship contractualization.

Note 2: Please note that - higher education degrees and diplomas awarded by foreign higher education institutions need to be recognized by a Portuguese higher education institution, pursuant to the [Decree-Law nr. 66/2018](#) (August 16) and the [Ministerial Order nr. 33/2019](#) (January 25). The presentation of the recognition certificate is mandatory for contract signature. More information can be obtained at: <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition>.