

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

1 (one) Research Fellowship under Special Regime (BI-RE) for a PhD Student

1 Research Fellowship(s) under Special Regime (BI-RE) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project “R&D for the ELT/METIS Warm Support Structure Construction (contract 4000141648)”, financed by ESA – European Space Agency, under the PRODEX Programme, under the following conditions:

1. **Scientific Area:** Astronomical instrumentation; Finite element analysis; Precision metrology
2. **Requirements for admission:** The candidate should have a Master’s degree in Physics, Physics Engineering or Mechanical Engineering.
3. **Additional optional skills and qualifications:** Knowledge or experience in finite element analysis using ANSYS. Knowledge of CAD tools and the development of metrology systems using lasers.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in doctoral program, of the Faculdade de Ciências da Universidade de Lisboa, in Physics Engineering or Physics and Astrophysics.
5. **Work plan:** The Fellowship Holder will initiate their familiarization with the METIS (ELT/ESO) instrument by executing detailed studies of finite element analysis on the WSS system that will be built by the team. The work program will later include the development of metrology systems necessary for the integration and testing of the WSS.
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 CENTRA-Ciências, Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor António Joaquim Rosa Amorim Barbosa.
8. **Fellowship duration:** This position is initially opened for 12 months due to start in April 2024. 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 and FCIências.ID Fellowship Regulation.
9. **Monthly allowance:** The fellowship amounts to € 1800, according to [table values](#) of the FCIências.ID Fellowship Regulation. 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.
The fellowship may also include: a tuition fees support grant (SAP) to support the costs with the annual tuition fees;
(1) Single Travel Allowance and (1) Single Accommodation Allowance.

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

10. **Evaluation and selection process:** Candidates will be assessed by CV (50%), motivation letter (20%), Interview that includes the presentation of the solution to a proposed problem of finite element analysis in ANSYS (30%).

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

11. **Selection Committee:** António Joaquim Rosa Amorim Barbosa (President of the jury), Paulo Jorge Valente Garcia (effective member), Mercedes Esteves Filho (effective member), André Moitinho (alternate member) and Paulo Gordo (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 01/03/2024 to 24/03/2024 .

14. **Application:** Applications should be sent via e-mail to mfilho@fe.up.pt, by attaching the following documents:

- a. Curriculum vitae;
- b. Certificate of completion of previous degree ^{Note 1, 2;}
- c. Motivation Letter.

15. **Processing of personal data:** FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.

The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.

Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.

You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: dpo@fciencias-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

For more information, we recommend consulting the Internal Rules of Data Protection of FCIências.ID - Association for Research and Development of Sciences at <https://fciencias-id.pt/>.

16. **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.

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

Note 1: The documents that prove the entitlement of the academic qualifications and diplomas can be dismissed during the application period and replaced by a declaration on their honour from the applicant ([Minuta PT](#), [Minute EN](#)). 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>.