

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

1 Research Fellowship in Special Regime (BI-RE) for MSc enrolled in a non-degree course

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 "Enabling Weak Lensing Cosmology" (EWC) Project, Grant Agreement No. 776247, funded by the European Commission under the H2020 European Programme, under the following conditions:

1. **Scientific Area:** Astrophysics and Cosmology
2. **Requirements for admission:** The candidate must hold a Master of Science (MSc) degree and have fluency in English.
3. **Additional optional skills and qualifications:** Preference will be given to candidates with previous experience in the EWC project.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a PhD or in a non-degree course
5. **Work plan:** This project consists of an extension of the preparatory work (developed so far) to characterize the systematic effects that will affect the future data produced by the Euclid Space Mission. The ultimate goal of the project is to measure the signal of the galaxy shape distortion from Euclid simulations, since this signal contains cosmological information. This project will require the candidate to model the impact of the various image simulation parameters on the galaxy shape distortions. This project will also inform the community on how to calibrate the shape distortion signal against variations on the image-production procedure. This way, this project will directly contribute to the quality of the future Euclid cosmological data. This project might also include other tasks, as part of the Lisbon pole commitment to the EWC project.
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 Instituto de Astrofísica e Ciências do Espaço (IA), Faculdade de Ciências da Universidade de Lisboa, under the scientific supervision of Dra. Carla Sofia Carvalho.
8. **Fellowship duration:** This position is initially opened for 4 months and will begin in November 2021. The fellowship contract may be potentially renewed 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



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

Additionally, it will be paid a tuition fees support grant (SAP) to support totally or partially the costs with tuition fees.

10. **Evaluation and selection process:** Candidates will be assessed by the relevance of their CV to the goals of the project (100%).
11. **Selection Committee:** Carla Sofia Carvalho (President of the jury), António da Silva (Effective member), Ismael Tereno (Effective member), José Pedro Mimoso (Substitute 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 10/11/2021 to 18/11/2021.
14. **Application:** Applications should be sent via e-mail to cscarvalho@oal.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>.

