

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

### 1 (one) Research Fellowship (BI) for PhD 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 Instituto de Astrofísica e Ciências do Espaço, "UIDP/04434/2020", funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Financiamento Plurianual de Unidade de I&D 2020-2023, under the following conditions:

1. **Scientific Area:** Cosmology
2. **Requirements for admission:** Bachelor or Master degree in Astrophysics and Cosmology. Only applications from candidates with adequate background in Astrophysics and Cosmology will be considered.
3. **Additional optional skills and qualifications:** Demonstrated experience in the field of Cosmology, numerical skills in Python or similar.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in doctoral program.
5. **Work plan:** It is expected that the successful candidate will work in (a) models of modified gravity theories, (b) use an MCMC code to constrain these models with current data, (c) provide forecasts for future surveys, in particular generate catalogues and obtain forecasts for the LISA mission.
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 16<sup>th</sup> 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 12<sup>th</sup> 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 de Astrofísica e Ciências do Espaço, Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Nelson Nunes.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in January 2023. The fellowship contract may be potentially renewed for 3 months.
9. **Monthly allowance:** The fellowship amounts to € 1144,64, 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.
10. **Evaluation and selection process:** Candidates will be assessed by CV (50%) having in mind the degree and academic background of the candidate, including the products and contents of the curricular units completed and the relevance of that background to the topics of the project; adequacy of the profile of the candidate to the work plan (40%); motivation letter with a brief description of the experience and goals of the candidate (10%).

Applicants whose application is scored with a final classification of less than 60 points are not eligible for granting a fellowship.

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11. **Selection Committee:** Tiago Barreiro (president), José Mimoso (effective), António da Silva (effective), Nelson Nunes, (alternate), Francisco Lobo (alternate).
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 28/11/22 to 16/12/2022 .
14. **Application:** Applications should be sent via link to <http://iastro.pt/ia/jobDetails.html?ID=207> , 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;
  - c. motivation letter (max. 2 pages).
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](mailto: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>.