

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

### 1 Research Fellowship (BI) for a 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 (IA), UIDB/04434/2020, financed by national funds by FCT / MCTES (PIDDAC), under the following conditions:

1. **Scientific Area:** Cosmology
2. **Requirements for admission:** Students enrolled in a doctoral program. The applicant must have completed a Master's degree. Only applications from candidates having an adequate background in Astrophysics and Cosmology will be considered.
3. **Additional optional skills and qualifications:** Demonstrated experience in the field of cosmology in particular, programming skills for parameter estimation.
4. **Work plan:** In this work plan, the fellowship holder will essentially: (i) Construct non-local gravity models; (ii) Study the theoretical viability of the model by establishing the conditions for non-existence of ghosts; (iii) Test the model against current observations.
5. **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](#)).
6. **Place of work:** The work will be developed at the Institute of Astrophysics and Space Sciences, at the Faculty of Sciences of the University of Lisbon, Lisbon, Portugal, under the scientific supervision of Professors José Pedro Mimoso and Francisco Lobo.
7. **Fellowship duration:** This position is initially opened for 4 months and will begin on February 2021.
8. **Monthly allowance:** The fellowship amounts to € 1074,64 ,according to [table values](#) of the fellowships awarded directly by the FCT, IP. The fellowship holder will have a personal accident insurance. The fellowship will be paid monthly by bank transfer. The fellowship may still include a subsidy for the fees associated with an academic degree or diploma, and, if the fellowship holder is not in Portugal, a stipend for the trip and for the installation in the country.
9. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV (45%) and adequacy of CV and candidate profile to work plan (45%), and motivation letter (10%).
10. **Selection Committee:** Nelson Nunes (President of the jury), José Mimoso, António da Silva (members) and Francisco Lobo (alternate).

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

12. **Deadlines:** This call for applications is open from 07 January 2021 to 20 January 2021 .

13. **Application:** Applications should be submitted to the form <http://www.iastro.pt/ia/jobDetails.html?ID=154>, by attaching the following documents:

- a. Curriculum vitae;
- b. Certificate of completion of previous degree;
- c. Proof of registration in the study cycle that confers the requested degree in this call;
- d. Motivation Letter and other documents considered relevant.

14. **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 during 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>.