

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

1 (one) Post Doctoral Research Fellowship (BIPD)

1 Post Doctoral Research Fellowship(s) (BIPD) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “BEYond Lambda (BEYLA)”, “PTDC/FIS-AST/0054/2021”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme the R&D project in all Scientific Domains, under the following conditions:

1. **Scientific Area:** Cosmology
2. **Requirements for admission:**
 - a) PhD completed in the area of Astrophysics and/or Cosmology;
 - b) To hold a PhD degree obtained in the three years prior to the date of submission of the application for the fellowship;
 - c) Post-doctoral research is carried out in a different host entity from the one where the research work that led to the attribution of PhD degree was carried out;
 - d) Demonstrated previous scientific experience in cosmology and modified gravity.
3. **Additional optional skills and qualifications:** Demonstrated scientific experience in one or more of these areas: Parameter estimation, forecasts, modeling the non-linear regime to probe smaller scales, gravitational waves. Numerical skills in building the appropriate numerical tools.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas.
5. **Work plan:** For a modified cosmological model perform a phenomenological analysis on cosmological scales and provide updated constraints and forecasts (Tasks:1,3,4 of the BEYLA 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 the IA – Institute of Astrophysics and Space Sciences at Faculty of Sciences of the University of Lisbon, Campo Grande, Lisbon, Portugal under the scientific supervision of Professor Noemi Frusciante.
8. **Fellowship duration:** This position is initially opened for 6 months due to start in October 2023. The fellowship contract may be potentially renewed up to 6 months.
9. **Monthly allowance:** The fellowship amounts to € 1741,00, 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

- a) CV (50%);
- b) Motivation letter (10%);
- c) Relevance and impact of previous publications in the area relevant to the project referred above (30%);
- d) Reference letters (10%);

After the preliminary evaluation, the best 5 (five) candidates will be contacted for an interview. And the final evaluation will be obtained considering the sum of the criteria a), b), c) and d) (90%) and the interview (10%).

Applicants whose application is scored with a final classification of less than 70 points are not eligible for granting a fellowship.

11. **Selection Committee:** President - Noemi Frusciante (UNINA, IT), 1st member of the jury- Giuseppe Fanizza (IA/FCUL, PT), 2nd member of the jury - José Carlos Fonseca (IA/CAUP, PT), 1st alternate member of the jury - Francesco Pace (UNITO, IT), 2nd alternate member of the jury - António da Silva (IA/FCUL, PT)

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 12/05/2023 to 09/06/2023 .

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

- a. Curriculum vitae;
- b. Certificate of completion of previous degree;
- c. Motivation letter (max 2 pages);
- d. Up to 5 publications relevant to the objectives of the work plan (published in the last 5 years).
- e. 2 reference letters.

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

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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>.