

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

1 Research Fellowship (BI) for a MSc Student

1 Research Fellowship (BI) for a MSc student is open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project 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:** BSc complete in the areas of Cosmology.
3. **Additional optional skills and qualifications:** Demonstrated experience in the field of cosmology. Numerical skills in Fortran programming language.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrollment in a MSc program.
5. **Work plan:** The fellowship holder is expected to
 - i. work on specific modified theories of gravity;
 - ii. implement the MCMC interface to constrain these models with current datasets;
 - iii. provide forecasts for future surveys.
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>), 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 Institute of Astrophysics and Space Sciences, at the Faculty of Sciences of the University of Lisbon, Lisbon, Portugal, under the scientific supervision of Dr. Noemi Frusciante.
8. **Fellowship duration:** This position is opened for 6 months due to start on February 2022.
9. **Monthly allowance:** The fellowship amounts to € 835,98 (monthly income), 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 the quality of:
 - i. CV (50%), considering the degree and the previous academic training, including outcomes and contents of completed curricular units and the relevance of that training for the topic
 - ii. Relevance and adequacy of CV and candidate profile to work plan (40%);
 - iii. motivation letter (10%), with a brief description of the candidate's experience and motivation.

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11. **Selection Committee:** Noemi Frusciante (the President of the jury), Nelson Nunes, Giuseppe Fanizza and António da Silva (alternate member of the jury).
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 18/01/2022 to 31/01/2022.
14. **Application:** Applications should be sent via e-mail to nfrusciante@fc.ul.pt, by attaching the following documents:
 - a. Curriculum vitae (max 3 pag.) - **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) 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>.