

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

2 Research fellowships for Master Student

2 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, Standard Model Extensions at the LHC/Centro de Física Teórica e Computacional da Universidade de Lisboa, CERN/FIS-PAR/0014/2019, financed by national funds by FCT / MCTES (PIDDAC) under the programme Call SR&TD Projectos under the Cooperation Agreement between Portugal and the European Laboratory for Particle Physics (CERN) - 2019 , under the following conditions:

1. **Scientific Area:** Particle Physics
2. **Requirements for admission:** Applicants must hold either a Bachelor or a Masters degree in Physics or Engineering Physics.
3. **Additional optional skills and qualifications:** Good programming skills and a good knowledge of Quantum Field Theory. Previous work on Gravitation Waves or Dark Matter.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Master or any other non-degree course.
5. **Work plan:** The workplan will be in the areas of Gravitational Waves and Dark Matter searches. The grant holder is expected to develop or adapt existing analysis software tools in the context of the models to be studied.
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 Centro de Física Teórica e Computacional of the Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Rui Santos.
8. **Fellowship duration:** This position is initially opened for 3 months and will begin on September 2021. The fellowship contract may be potentially renewed for 6 months.

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9. **Monthly allowance:** The fellowship amounts to € 835,98 ,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 their CV 80% and motivation letter 20%.

11. **Selection Committee:** Rui Alberto Serra Ribeiro dos Santos (President of the jury), Pedro Miguel Martins Ferreira (Member), António de Aguiar e Pestana de Moraes (Member), Nuno Miguel Azevedo Machado (Substitute).

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 01/07/21 to 15/07/2021 .

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

- a. Curriculum vitae - **may CV in pdf or through the [CIÊNCIAVITAE](#) system;**
- b. Certificate of completion of previous degree;
- c. Motivation letter

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 during the fellowship contractualization. If not requested in the requirements for admission, the proof of registration in the academic course requested on the call is mandatory for contract signature.

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>.

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