

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

1 Research Fellowship for R&D Initiation for Master Student

1 Research Fellowship(s) for R&D Initiation (BII) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution SweetPowders – Predict the formation of powder cakes from particle-particle interactions, referência RDL5018419, financed by Société des Produits Nestlé SA, under the following conditions:

1. **Scientific Area:** Physics
2. **Requirements for admission:** Degree in Physics.
3. **Additional optional skills and qualifications:** Previous experience with numerical simulations and data science.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in Master degree in Physics – area of specialization Statistical and Condensed Matter Physics.
5. **Work plan:** To develop numerical methods to study the dynamics of many-body systems under confinement.
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 Centro de Física Teórica e Computacional – CFTC from the Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Nuno Araújo.
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 up to 12 months, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P and FCIências.ID Fellowship Regulation.
9. **Monthly allowance:** The fellowship amounts to € 446.12, according to [table values](#) of the FCIências.ID Fellowship Regulation.. 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 ([100%](#)).
11. **Selection Committee:** Prof. Nuno Araújo (President of the jury), Prof. Margarida Telo da Gama (1st Member of the jury), Dr. Hygor Piaget Monteiro Melo (2nd Member of the jury), Dr. Cristóvão de Sousa Dias (1st Alternate Member of the jury), Dr. Rodrigo Carlos Viana Coelho (2nd Alternate Member of the jury)

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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 16/09/2021 to 24/09/2021 .
14. **Application:** Applications should be sent via e-mail to nmaraujo@fc.ul.pt, 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.
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>.