

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

2 (two) Research Fellowships for R&D Initiation (BII) for MSc Student

2 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 “HoFGA”, ERC/StG/101041696, financed by European Union’s Horizon Europe - Research & Innovation Framework Programme under Grant Agreement no. 101041696, under the following conditions:

1. **Scientific Area:** Computational Complexity
2. **Requirements for admission:** BSc in mathematics, or Applied Mathematics, or Computer Science, or similar areas
3. **Additional optional skills and qualifications:** Research Experience in Theory of Computing
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrollment in a MSc in Mathematics or Applied Mathematics
5. **Work plan:** Research in Computational Complexity, including: Natural Proofs, Log Rank Conjecture, Applications of representation theory to computational complexity, lower bounds in communication complexity, semidefinite optimization, and others.
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 LASIGE at the Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Bruno Loff.
8. **Fellowship duration:** This position is initially opened for 6 months and due to start in June 2023. The fellowship contract may be potentially renewed for 6 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 € 541,12, 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
Additionally, the research fellowship may eventually include tuition fee support (1) and/or a single travel and installation allowance (1).



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10. **Evaluation and selection process:** Candidates will be assessed by CV (50%), and motivation letter (50%). If necessary, an interview will be carried out with the 3 (three) best candidates. If there is an interview, the evaluation will be as follows: CV (35%); Motivation letter (35%); and Interview (30%). Applicants whose application is scored with a final classification of less than 75 points are not eligible for granting a fellowship.
11. **Selection Committee:** Bruno Loff (President), Alcides Fonseca (Member), Carlos Florentino (Member), Mário Edmundo (Alternate Member) e Fernando Ferreira (Alternate Member).
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 18/04/2023 to 27/04/2023 .
14. **Application:** Applications should be sent via e-mail to bsbarreto@fc.ul.pt, by attaching the following documents:
- Curriculum vitae – **CV may be provided in PDF or through the [CIÊNCIAVITAE](#) system;**
 - Certificate of completion of previous degree;
 - 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 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>.

