

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

1 Research Fellowship(s) for R&D Initiation (BII)

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 “Centro de Estatística e Aplicações”, “UIDP/00006/2020”, funded by the Fundação para a Ciência e a Tecnologia, I.P./MCTES through national funds (PIDDAC) under the programme Financiamento Plurianual 2020-2023, under the following conditions:

1. **Scientific Area:** Applied Mathematics and Statistics
2. **Requirements for admission:** Completed Secondary Education.
3. **Additional optional skills and qualifications:** Experience in fitting machine learning methods, in particular neural networks, recurrent neural networks and neuroevolution to large volumes of data. Experience with both R and Python.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in an undergraduate degree in Applied Mathematics or Statistics
5. **Work plan:** The fellowship will involve working with CEAUL researchers Tiago A. Marques, Soraia Pereira and Eunice Carrasquinha on a set of topics which have in common Machine Learning techniques. In particular, the use of Convolutional Neural Networks to automatic detection and classification of images and sounds. Working together with TAMs students Tomás Gueifão and Carolina Marques and SP and EC student Hugo Anjos is anticipated, embedding the research fellow in a first experience with different research teams.
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](https://www.fciencias.id/regulamento-de-bolsas-de-investigacao-cientifica-da-fciencias.id)).
7. **Place of work:** The work will be developed at the Centro de Estatística e Aplicações (CEAUL) under the scientific supervision of Professor Tiago A. Marques.
8. **Fellowship duration:** This position is initially opened for 6 month due to start in September 2022. 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.
9. **Monthly allowance:** The fellowship amounts to € 486,12 ,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 Curriculum Evaluation given the proposed work plan (80%) and Motivation Letter (20%).
Applicants whose application is scored with a final classification of less than 60 points in 100 are not eligible for granting a fellowship.
11. **Selection Committee:** Tiago Marques (Presidente), Soraia Pereira (vogal), Eunice Carrasquinha (vogal) e Lisete Sousa and Clara Cordeiro (suplente)
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 08/08/22 to 22/08/2022 .
14. **Application:** Applications should be sent via e-mail to ceaul@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>.