

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

1 (one) Research Fellowship under Special Regime (BI-RE) for a PhD Student

1 Research Fellowship(s) under Special Regime (BI-RE) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, financed by Own funding for the development of R&D projects, under the following conditions:

1. **Scientific Area:** Computer Science Engineering, Machine Learning, Cyber-Physical Systems and Internet of Things.
2. **Admission requirements:** Portuguese nationals, foreign and stateless persons may submit applications to this selection procedure, provided they hold a Master degree in Computer Science Engineering, Machine Learning or Dependability, and fully comply with the following requirements:
 - a) The master's degree must have been granted in the last 4 years.
 - b) Demonstrated scientific and/ or professional experience in the areas of Cyber-Physical Systems, Internet of Things and Machine Learning.
3. **Additional optional skills and qualifications:** Candidates should have experience in programming languages and tools, such as C/C++, Python, Java, TensorFlow, Pytorch, Cloud Computing Frameworks, and Systems Integration and Engineering. Preference is given to candidates with experience in semantic modelling for the orchestration of computational workflows, and applications in buildings energy modelling and optimization.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in the PhD program in Informatics at the Faculty of Sciences – University of Lisbon.
5. **Work plan:** The successful candidate will contribute to the development of a context-aware machine-learning based predictive framework to be used in the context of applications for the automation of buildings energy management. Additionally, the candidate will contribute to the definition of semantic models for the automated orchestration of involved computational workflows.
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 Research Centre LASIGE, in Faculty of Sciences, University of Lisbon, Campo Grande, Lisbon, Portugal under the scientific supervision of Professor Pedro Miguel Frazão Fernandes Ferreira.
8. **Fellowship duration:** This position is initially opened for 5 months due to start in November 2024.
9. **Monthly allowance:** The fellowship amounts to € 1511,57, 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.

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10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV, motivation letter and possibly, a selection interview. If the selection interview is not carried out, the final evaluation will be obtained considering the following percentages: the quality of the CV (70%) and motivation letter (30%). If the jury chooses to carry out the selection interview, it will be to the 3 (three) candidates with the best classification in the quality of the CV and motivation letter. And the final evaluation will be as follows: the quality of the CV (60%), motivation letter (20%) and selection interview (20%).

Applicants whose application is scored with a final classification of less than 60 points are not eligible for granting a fellowship.

11. **Selection Committee:** Professor Pedro Miguel Frazão Fernandes Ferreira (President), Professor António Casimiro Ferreira da Costa (1st Member of the jury), Professor José Cecílio (2nd Member of the jury), Professor Alysson Neves Bessani (1st Alternate Member of the jury) and Professor Bernardo Ferreira (2nd 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 24/10/2024 to 04/11/2024 .

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

- a. Curriculum vitae;
- b. Certificate of completion of previous degree ^{Note 1, 2;}
- c. Motivation letter;
- d. Other documents considered relevant.

15. **Processing of personal data:** FCIências.ID – Associação para a Investigação e Desenvolvimento de Ciências, as the controller under the General Data Protection Regulation, collects and processes the personal data requested in the context indicated in paragraph 14., under the legitimate interests in ensuring the award of the research fellowship to candidates with the indicated profile.

The personal data will be kept for the period necessary for the execution of the purposes for which they are intended, being ensured the processing and protection in an appropriate and diligent way, the confidentiality and integrity of these data, through appropriate technical and organizational measures.

Personal data may be transmitted to third parties, namely the entity funding the research project, solely for the purposes specifically established. In this sense, whenever the transfer of personal data to countries outside the European Union and/or international organizations is necessary, compliance with the applicable legal provisions is ensured.

You have the right to request access, rectification, elimination, limitation of processing, the right to object and also data portability (if technically feasible), through the e-mail address: dpo@fciencias-id.pt. You also have the right to lodge a complaint with the National Data Protection Commission.

For more information, we recommend consulting the Internal Rules of Data Protection of FCIências.ID - Association for Research and Development of Sciences at <https://fciencias-id.pt/>.

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16. **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 can be dismissed during the application period and replaced by a declaration on their honour from the applicant ([Minuta PT](#), [Minute EN](#)). 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>.