

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

1 (one) Research Fellowship (BI) for Master's student

1 Research Fellowship(s) (BI) is (are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the Project “SUBMERSE: SUBMarine cablEs for ReSearch and Exploration cablEs for ReSearch and Exploration”, “Ref. HORIZON-INFRA-2022-TECH-01-101095055”, financed by the European Union’s Horizon Europe research & innovation programme under the Grant Agreement No. 101095055, under the following conditions:

- 1. Scientific Area:** Computer Engineering
- 2. Admission requirements:** Candidates must have completed a bachelor degree in Computer Engineering or a related field. They should also have previous experience implementing Docker images for cloud computing, preferably customized for numerical models. The candidate should also have solid programming skills, as well as experience using computational tools for modelling and simulation.
- 3. Additional optional skills and qualifications:**
Candidates with previous experience in research and development projects in the field of scientific computing. Master's student in Computer Engineering, with at least 60 ECTS already completed.
Knowledge of programming languages such as Python, C++, Fortran or BASH will be considered an asset.
In addition, candidates with experience in parallel computing, high performance computing (HPC), cloud computing or cloud development (AWS, Azure) are valued.
- 4. Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrollment in Master's degree in Computer Engineering.
- 5. Work plan:** The selected candidate will carry out research and development activities related to the SUBMERSE project. Tasks will include literature review, algorithm development, implementation of computational solutions and analysis of results. The aim is to contribute to the optimization and validation of computational models applied to numerical modelling, data processing and visualization.

The work plan includes carrying out tasks at the Madeira Ocean Observatory - ARDITI.

- 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 Instituto Dom Luiz, Faculty of Sciences of the University of Lisbon under the scientific supervision of Professor Luís Matias (supervisor) and Eng. Rui Vieira (co-supervisor).
- 8. Fellowship duration:** This position is initially opened for 6 months and due to start in June 2025. The fellowship contract may be potentially renewed for until the end of the project, 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 € 1040,98, 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

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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
- Academic curriculum evaluation, regarding the bachelor's degree (35%);
 - Curriculum Vitae (40%);
 - Motivation letter (25%).
- If necessary, an interview will be carried out with the 2 (two) best candidates on the total scores from criteria a) to c). In this case, the sum of the evaluations obtained in the assessment criteria a) to c) will correspond to 80% of the final grade, and the interview to 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:** President of the jury: Professor Luís Matias; effective members: Professor Rui Caldeira and Eng. Rui Vieira; alternate members: Doctor Eng. Carlos Lucas e Dr. Jesus Reis
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 03/04/2025 to 11/04/2025 .
14. **Application:** Applications should be sent via e-mail to Immatias@fc.ul.pt, by attaching the following documents:
- Curriculum vitae;
 - Certificate of completion of previous degree ^{Note 1, 2};
 - Motivation letter;
 - 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>.

