

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

1 (One) Research Fellowship for PhD student

1 Research Fellowship(s) (BI) is(are) open at the **FCiências.ID – Associação para a Investigação e Desenvolvimento de Ciências**, for the project/R&D institution “RESTLESS - IntegRatEd tools to decipher the genesis and Spatio-Temporal Evolution of Seismic Sequences”, “PTDC/CTA-GEF/6674/2020”, financed by national funds by FCT / MCTES (PIDDAC) under the programme Programa em Todos os Domínios Científicos, under the following conditions:

1. **Scientific Area:** Earth Sciences - Geophysics or similar areas
2. **Requirements for admission:** Master in Geophysics or similar areas. Specialised skills and/or expertise in seismic ambient noise data processing. Experience in the analysis of data recorded by ocean bottom seismometers (OBS).
3. **Additional optional skills and qualifications:** Demonstrated scientific and/or professional experience in the analysis of seismic ambient noise recorded in islands and oceanic environments; Scientific publications and communications in international conferences.
4. **Contracting requirements:** Presentation of the academic qualifications and/or diplomas. Enrolment in a PhD or a non-degree course
5. **Work plan:** This work aims to identify and study short-term temporal variations of the crustal structure by analysing the seismic ambient noise field. In particular, the work will focus on temporal changes associated with other observables like seismic swarms or fluids migration. The proposed work plan is included in Task 3 and will be applied to a selected set of seismic stations. The main tasks are a) Computation of auto-correlations (AC) of ambient seismic vibrations; b) Computation of Empirical Green Functions by cross-correlation (CC) of the seismic vibrations recorded at pairs of stations; c) Interpretation of both AC and CC results to characterise the spatio-temporal evolution of the crustal structure
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 Instituto Dom Luiz, Faculdade de Ciências da Universidade de Lisboa under the scientific supervision of Professor Graça Silveira.
8. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2021. 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.

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

9. **Monthly allowance:** The fellowship amounts to € 1104.64 ,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.

10. **Evaluation and selection process:** Candidates will be assessed by the quality of their CV 100% and possibly as interview. If the jury chooses to carry out the selection interview, it will be to the 3 (three) candidates with the best classification in the curriculum evaluation, and the final evaluation will be as follows: 70% for the curriculum evaluation and 30% for the interview.

11. **Selection Committee:** Graça Silveira (President), Susana Custódio (member of the jury), Nuno Dias (member of the jury) and Luís Matias (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 21/09/21 to 04/10/2021 .

14. **Application:** Applications should be sent via e-mail to mdsilveira@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;
- c. 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 during 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>.