

CALL FOR RESEARCH FELLOWSHIP

University of Coimbra opens a call for 1 (one) BI research fellowship, in the framework of the CITEUC project "Centre for Earth and Space Research of the University of Coimbra" (reference: UIDP/00611/2020), financed by the Foundation for Science and Technology, I.P./MCTES through national funds (PIDDAC) in the following conditions:

Scientific area: Physics or Geosciences or related field .

Skills/Qualifications/Admission requirements: The scholarship is intended for candidates with a bachelor's degree in Physics or Geosciences or related areas compatible with the theme of the scholarship (see work plan below) enrolled in a master's degree or in a non-degree course at the University of Coimbra in the scientific area of the scholarship theme.

The RBI in paragraph 5 of article 6 only admits BI attributions to graduates or masters who are enrolled in courses that do not confer an academic degree and can only be attributed to those who do not exceed, with the completion of the scholarship contract in question, including possible renewals, an accumulated period of two years in this type of scholarship, consecutive or interpolated.

"Courses not conferring an academic degree" must be related to the research fellowship's activity type. "Courses not conferring an academic degree" are the courses referred to in paragraph e) of number 3 of article 4 of Decree-Law no. 74/2006, of 24 March, in the current wording, provided that they are developed in association or cooperation between the higher education institution and one or more R&D units, in accordance with the provisions of paragraph e) of article 3 of the Regulation for Research Fellowships of the Foundation for Science and Technology (FCT).

Although the recipients must be enrolled in a cycle of studies leading to the attribution of an academic degree or in a course not conferring an academic degree, at the time of application it is not necessary for the candidate to have made such an enrollment, and proof of enrollment must be presented until the fellowship is contractualized. Candidates are only required to meet the requirements to enroll in the training offer. If there are candidates already enrolled (including attending a course), they compete on an equal footing with those who are not Enrolled.

Work plan/ Objectives: The work plan and objectives are: The magnetotelluric method (MT) is a non-invasive technique that allows us to obtain information about the Earth's interior at significant depths. The main objective is to enhance the current 3D conductivity model of Continental Portugal through two main approaches: (1) reprocessing old MT soundings with

the latest available tools and (2) incorporating known geological structures to better constrain the model. This will enable us to better characterise subsurface resistivity at depth, deepening our understanding of the geological structures in the territory. The student will have the opportunity to gain practical experience and acquire the necessary knowledge to apply the methodology effectively.

Regime: The attribution of the fellowship does not generate or entitle a relation of a legal-labour nature, and the fellowship is undertaken in an exclusive dedication regime. The fellowship holder is awarded the Fellowship Statute of the UC, in its current wording, according to the Research Fellowship Holder Statute , and according to the Regulation for Research Fellowships of the Foundation for Science and Technology, both in their current wording.

Location: Observatório Geofísico e Astronómico at the University of Coimbra.

Duration: twelve (12) months.

Renewal: Eventually renewable.

Scientific orientation: The scientific orientation is of Doutora Joana Ribeiro, researcher at CITEUC .

Financial conditions: The amount of the fellowship is € 930,98 corresponding to the monthly compensation stipulated in the FCT table (<https://www.fct.pt/en/financiamento/programas-de-financiamento/bolsas/>), plus social security (*Seguro Social Voluntário*, first level contributions) and personal accidents insurance. The payment will be made by bank transfer. This amount will not be increased during the entire period of the fellowship duration.

Selection methods: Curriculum evaluation (85%) e interview(15%) .

Selection criteria:

Curriculum evaluation:

Criterion A – Bachelor’s Degree Average, 25%;

Criterion B - curriculum, 30%;

Criterion C – letter of motivation, 25%;

Criterion D - letters of recommendation, 20%;

Candidates only move on to the interview stage if they pass the documental assessment (criteria A to D).

Interview, in person or by videoconference:

- Motivation 20%;
- Knowledge of the subjects and general themes of the scholarship área 60%;
- Verbal communication skills in Portuguese and English 20%

Jury responsible for selection:

- Fernando Gutierrez Pinheiro, President - Researcher at CITEUC, Universidade de Coimbra
- Joana Alves Ribeiro, jury member – Researcher at CITEUC, Universidade de Coimbra
- David Alegre Vaz, jury member – Researcher at CITEUC, Universidade de Coimbra
- Fernando Bandeira Figueiredo, 1st substitute jury member – Researcher at CITEUC, Universidade de Coimbra Pedro
- Júlio Enrech Casaleiro, 2st substitute jury member – Researcher at FCTUC, Universidade de Coimbra
- João Manuel de Morais Barros Fernandes, 3st substitute jury member – Assistant Professor, Universidade de Coimbra

Formalization of application:

It is mandatory, under penalty of non-admission to the call, to attach to the application the following

- Elements of the identity card/citizen card/passport;
- Curriculum vitae of the candidate;
- Eligibility certificates for the academic degrees held, specifying the final grade and, if possible, the grades obtained in all subjects taken, or, alternatively, a declaration of honor by the candidate on how he/she concluded the bachelor's degree up to at the end of the application period;
- Proof of enrolment in a Masters's degree or in a non-degree-grating course (only mandatory in the contracting phase);
- Letter of motivation. The cover letter should include a clear indication of the project you are applying for;
- Letters of Recommendation (two).

- Write the application and all associated documents, including letters of motivation and recommendation, in Portuguese or English; The Declaration mentioned below, which is made in a specific form on the apply.uc.pt platform..

Declaration on the honor of the candidate(s) with the indication of the fellowship(s) of the typology to which the contest was held and the respective duration(s).

Applicants with academic degrees obtained abroad will be required to present a Certificate of Recognition in accordance with applicable law. This document is mandatory only in the contractualization phase.

Applications submission: Applications must be submitted through <https://apply.uc.pt/IT137-23-355> .

Submission of applications: Between 18/10/2023 and 31/10/2023.

Submission deadline date: 31/10/2023.

Additional information: The evaluation results will be announced within 90 working days after the end of the applications submission deadline, by notifying the applicants via email. After the announcement of the results, candidates are considered automatically notified to, if they wish to do so, comment on the results on a preliminary hearing period within 10 days after that date. After this, the selected candidates will have to declare in writing their acceptance. Unless a justification worthy of consideration is presented, if the declaration is not submitted within the referred period, it is considered that the candidate waives the fellowship. In case of resignation or withdrawal of the selected candidate, the next candidate with the highest evaluation score will be notified immediately.

Once the selection process is completed, the fellowship contract will be drawn up in accordance with the draft contract provided by the FCT.

After the contracted period, the fellowship holder and supervisor must prepare the final report in accordance with the respective assessment criteria that were established.

Pursuant to subparagraph h) of Article 9 of the Portuguese Constitution, the University of Coimbra, as employer, actively promotes a policy of equal opportunities between men and women in access to employment and professional development, and acts to prevent each and every kind of discrimination.

Therefore, no one can be privileged, benefited, harmed or deprived of any right or immune from any duty on account of, in particular, ancestry, age, sexual orientation, gender, marital

status, family, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic or racial origin, territory of origin, language, religion, political or ideological beliefs and trade union membership.

Selection reserve list: A selection reserve list will be constituted for the period of 6 (six) months.