

ANNOUNCEMENT FOR THE AWARD OF A RESEARCH FELLOWSHIP

Title: Research Scholarship - WorkerHP (1 vacancy)

Reference: WorkerHP-07-2023

A call for applications is now open for the attribution of one (1) grant within the scope of the R&D project Worker HP: Worker Health and Performance (n° 70146), Northern Regional Operational Program, operation code NORTE-01- 0247-FEDER-070146, under the terms of Notice 17/SI/2019 - Incentives for Research and Technological Development (Co-promotion), through the National Innovation Agency, under the following conditions:

Scientific Area: Human Engineering

Specific Scientific Area: Human Engineering, Industrial Engineering, Applied Psychology, Basic Sciences or related areas.

Admission requirements: PhD in Human Engineering, Industrial Engineering, Applied Psychology, Basic Sciences or related areas.

Candidates profile: Candidates must have, at the time of application, a **Doctor's degree**. In the contract phase, proof of academic qualifications completed by the deadline for applications is required, including those resulting from academic degree recognition processes.

Applicants eligibility: Applicants must comply with the eligibility conditions laid down in article 9 of the Research Grants Regulation of the Portuguese Foundation for Science and Technology (2019).

Workplan and objectives to be achieved: Survey of requirements for the development of the weighting algorithm of the variables of interest, including automatic learning tools.

Applicable legislation and regulations: Research Fellowship Holder Statutes, approved by Law no. 40/2004 of August 18, in its current version published by Decree-Law no. 123/2019 of August 28; Regulation of Scientific Research Fellowships of the University of Minho (RBIC), published in "Diário da República", 2nd serie, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021 and Regulation of Research Studentships and Fellowships (RBI) of the Foundation for Science and Technology, I.P. - in force.

Host/Contracting institution and scientific supervision: The workplan will be carried out in the Industrial Engineering and Management (IEM) Research Group of University of Minho, located in the Algoritmi Research

Center of University of Minho, under the scientific supervision of the Professor/Doctor Nélson Bruno Martins Marques da Costa.

Fellowship duration: The grant will take place for a period of 5 months, with a provisional starting date on the February of 2023. The fellowship grant may eventually be renewed, in the case of *graduates enrolled in non-conferring courses that do not award an academic degree*. Under no circumstance the fellowship duration can exceed the project duration and/or the applicable law.

Amount of the research grant: The value stipend (Monthly Maintenance Allowance) is 1686,00 Euro per month, in accordance with the stipends values published by the Foundation for Science and Technology (FCT I.P.) in the country (Annex I – Monthly Stipends Values for the maintenance allowances of the [FCT Regulation for Research Studentships and Fellowships](#)) and Annex II of the Regulation of Scientific Research Fellowships of the University of Minho (RBIC), published in “Diário da República”, 2nd serie, no. 119, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021, according to the applicable regulation. Payment is made on the 23st of each month, through bank transfer to the Bank Identification Number of the fellow identified in the contract process.

Other components of the research grant: (define the other components of the research grants, in accordance with the no. 5 of the article 18º of the FCT Regulation for Research Studentships and Fellowships, no. 950/2019 of 16-12-2019 or article 21º of the Regulation of Research Fellowships of the University of Minho (RBIC), accordingly with the regulations applicable).

Other benefits: Reimbursement of Voluntary Social Security (Social Security contributions), corresponding to the 1st level of discounts (*for research grants with a total duration 6 months or higher*) and personal accident insurance.

Exclusivity regime: The grantee will perform the activities under exclusivity, as foreseen in article 5º of the Research Fellow Statutes and applicable regulations.

Selection panel:

The Jury is composed of the following members:

Nélson Bruno Martins Marques da Costa, Assistant Professor at the Department of Production and Systems (President); Pedro Miguel Ferreira Martins Arezes, Assistant Full Professor at the Department of Production and Systems (effective member); Paula Machado Sousa Carneiro, Assistant Professor at the Department of

Production and Systems (effective member); Paulo Francisco Silva Cardoso, Assistant Professor at the Department of Industrial Electronics (alternate member); Jorge Miguel Nunes Santos Cabral, Associate Professor at the Department of Industrial Electronics (alternate member). In case of impediment of the President of the Jury, he will be substituted by the first effective member.

Criteria and procedures for applications assessment and selection:

The evaluation of applications will focus on the merit of the candidate, applying the following selection methods:

- a. curriculum evaluation (training area), with a weighting of 20%;
- b. proven experience in the treatment of biological signals, with a weighting of 30%;
- c. proven experience in the development of machine learning algorithms for classification of biological signals 30%;
- d. relevant papers in the field of biological signal processing and machine learning algorithms for classifying biological signals 20%.

$$MC = (a \cdot 0.2) + (b \cdot 0.3) + (c \cdot 0.3) + (d \cdot 0.2)$$

The academic degrees and diplomas documents, or their respective recognition when awarded by foreign higher education institutions are not mandatory in the application phase, being replaced by a declaration of honour of the candidate with the contents of academic results. The documents of academic qualification or respective recognition will be required in the contracting phase and must attest facts that occurred on a date prior to the application. In situations of divergence between the information contained in the declaration and the documentation submitted for contracting the grant, only the information contained in the latter will be considered. If the documents proving the ownership of the academic degree and diploma, or the respective recognition under the terms of Decree-Law No. 66/2018, of August 16, do not correspond to the classifications awarded in the evaluation of the academic path, which can change the candidate's ranking, the fellowship won't be contracted.

***Notes:** Applicants with degrees obtained abroad must present proof of recognition of qualifications in Portugal and conversion of the final classification obtained in them to the Portuguese classification scale or declaration under the terms indicated in the previous point. Candidates who do not comply with one of these provisions, the selection panel will assign "0" in the grade of the graduation and/or master course. Candidates will be evaluated on the remaining parameters.*

Disclosure of results: The provisional results of applications, based in the selection panel minutes, will be sent to the applicants by email until 90 working days from the applications deadline.

If case of unfavourable results, the candidates have a period of 10 working days to comment, if desired, in a prior hearing to interested parties, pursuant to articles 121 and 122 of the Code of Administrative Procedure (DL no. 4 / 2015 of January 7th).

[The hearing of the interested parties, if excluded, should be justified accordingly with article 124º of CPA]

Complaint and appeal procedures: The final results of the evaluation will be published through an ordered list (*alphabetically, by final grade obtained*), posted in a visible and public place of the host unit, as well as by email to all applicants, enclosing for that purpose, the minutes of the jury deliberations.

The selected candidate must inform its willingness to accept the grant, in writing. In case of rejection, the fellowship will be awarded to the next candidate in the ordered list of applicants.

The final decision can be contested within 15 working days, by sending to the President of the jury the corresponding claim. Interested parties may also submit an optional hierarchical appeal, addressed to the Pro-Rector for Research and Projects, Professor Sandra Paiva.

Application deadline and submission: The call for applications is open from **05/01/2023 till 18/01/2023**.

(Note: The deadline for submitting applications shall not be less than 10 working days).

Applications must be formalized by sending an application letter with the following documents: curriculum vitae; qualifications certificate or declaration of the applicant; motivation letter; statement proving that meets the conditions for the grant typology, according to the application requirements; other documents important to the evaluation process).

Applications must be sent by email to recrutamento@algoritmi.uminho.pt, indicating the reference of the call for applications in Subject. Applications submitted by other means will not be accepted.

Fellowship contract: The fellowship will be attributed by signing a fellowship contract between the University of Minho and the fellow, accordingly with the contract minute (annex IV of the Regulation of Research Fellowships of the University of Minho (RBIC), published in *Diário da República, 2nd Série, no. 119*, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021, as indicated in 2.4 of the FCT document: "[Rules for Granting and Management of Grants within the scope of R&D projects, including infrastructure projects, the multi-annual financing program for R&D units and other FCT financing instruments \(Version 2021\)](#)".

The contract may only be concluded after all the documentation required is collected, which must take place within a maximum period of 6 months [including evidences of the academic degrees or diplomas and enrolment in degree courses or non-conferring courses, depending on the type of scholarship].

Once all the documentation has been received, the contracting entity has a period of 60 working days to conclude the scholarship contract. Once received, the fellow must return the contract duly signed within 15 working days.

The activities under the fellowship contract can only began after proper authorization by the contracting entity.

Term and cancellation of fellowship contracts: Without prejudice to the other causes provided the fellowship regulations (FCT and UMinho) and in the Statute of the Research Fellow, the fellowship ends with the completion of the work plan, as well as with the expiration date for which it was granted or renewed.

At the end of the fellowship, the grantee is obliged to present a Final Report of the work carried out, in accordance with the objectives and evaluation criteria defined with the scientific advisor, within 30 days after the end of the scholarship.

The **final report** must be prepared in accordance with Annex I of the Scientific Research Fellowships Regulation of the University of Minho (RBIC), published in *Diário da República, 2nd Série, no. 119*, through dispatch no. 6524/2020 of 22-06-2020, ratified by ratification declaration no. 447/2021 of 22-06-2021.

Note: The information above required should be submitted in the Euraxess Portal¹, in the fields reserved for those purposes².

¹ The USRH acts as administrator of University of Minho – Human Resources profile. After registration of the employee/researcher/teacher as individual user in the Euraxess, the USRH can add the individual user through the email as “member” of the entity “University of Minho”, allowing the user to publish the fellowship announcements in the Euraxess Portal.

² The FCT ended with the previous validation of the fellowships announcements. The R&D units must strictly follow the Rules for granting and managing research fellowships (2021).

**Declaration of Honor
Academic habilitations**

(Full name), applicant to the research fellowship vacancy under the I&D project (title or reference of the project), published in the Euraxess portal, reference (notice reference), hereby declares to have a degree on (name of the course), concluded in the University of (name the University that awarded the degree), on the (degree conclusion date XX/XX/XXXX), with the final grade of (XXXX).

I have submitted my diploma for recognition at the University of XXXXX, according to the Decree-Law n° 66/2018 of August 16th⁽³⁾, concluded in the (degree conclusion date XX/XX/XXXX), with the final grade of (XXXX), on a scale from (XX to YY).

I also declare that I commit to provide proof of my diploma recognition obtained under the Portuguese Law, until the date of the conclusion of the fellowship contract, in case of being selected for the vacancy in this competition.

As this is true, this declaration will be dated and signed by me.

(Place), (date),

(Full name)

³ DGES (Foreign Degrees and Diplomas): <https://www.dges.gov.pt/en/pagina/degree-and-diploma-recognition?plid=1536>;
University of Minho: Recognition of foreign degrees and diplomas:
<https://www.uminho.pt/EN/education/Pages/recognition-of-foreign-qualifications.aspx>