

ANNOUNCEMENT FOR THE AWARD OF A RESEARCH FELLOWSHIP

1 research fellowship BI, reference Lab2PT/UIDB-04509/24

A call for applications is now open for the attribution of 1 (one) research grant for PhD students in Design, Masters in Product Design or Product Engineering enrolled in non-degree courses, in the area of Design or Engineering, within the scope of the R&D project Landscape, Heritage and Territory Laboratory (Lab2PT), Ref. UIDB/04509/2020, financed by national funds (PIDDAC) through FCT/MCTES., under the following conditions:

Scientific Area: Design or Engineering

Recipient category: PhD students in Design or Masters in Product Design or Product Engineering enrolled in a non-academic degree course integrated in the educational project of a higher education institution developed in association or cooperation between the institution of higher education and one or more R&D units.

Requirement for granting the fellowship:

- The applicants may apply without prior registration in the course for which the fellowship is open. The requirement to enroll in a degree course or non-academic degree course will be verified on the date of contracting the fellowship;
- Only fellowships whose selected applicants present a valid proof of enrollment in a degree course or non-academic degree course will be contracted, according to the type of the fellowship, issued by the academic services of the Higher Education Institution, indicating, respectively, the academic year or its duration (star and term).

Candidates profile:

Candidates must hold a Master's degree in the scientific area of Design or Engineering at the time of application. They must also have

- Knowledge of 3D Digital Modeling;
- Work with visually impaired people,
- Ability to carry out surveys;
- Knowledge of project management;
- Communication skills, including written expression and public presentation.

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:

The grant holder will carry out activities within the scope of the research project "Multimaterial and multisensory approaches for the parameterized recreation of artefacts for people with visual impairments". The main objectives of this activity will be to develop tools for the perception of artefacts by people with visual impairments and to prepare an application for funds that will allow the research in progress to be further developed.

The main objectives of the research are:

Optimizing existing tactile devices and measuring the maximization of the sensory experience of the landscape.

Design audio to maximize the tactile experience

Testing tactile devices with visually impaired people

Preparing a research project application for funding

The objectives are achieved with the following tasks:

- reviewing previous model configurations
- volumetric modeling
- 3d printing control
- carrying out roughness studies
- carrying out thermal perception studies
- testing the sound field on site
- configuring sensor-based sound production systems
- interview visually impaired people
- collecting, organizing and analyzing data
- gathering "calls" for funding projects
- organizing the requirements, content and documentation necessary for the application process.

Assessed using the following parameters:

- synthesis of comparative analysis of new results
- writing and submitting an application for funding
- dissemination of prototypes and presentation of the project through a visit
- communication of research findings in a recognized publication or conference

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 at the Landscape, Heritage and Territory Laboratory of Universidade do Minho, on the *Campus* of Azurém, under the scientific guidance of Professor Miguel Jorge Alves Miranda Bandeira Duarte.

Fellowship duration: The grants will take place for a period of 6 (six) months, with a provisional starting date on the July 2024, non-renewable.

Amount of the research grant: The value stipend (Monthly Maintenance Allowance) is 1259,64€ 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 contractualization process.

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:

President

Miguel Jorge Alves Miranda Bandeira Duarte, Assistant Professor School of Architecture, Art and Design, University of Minho

Effective vowels

António Bernardo Mendes Seça Providência Santarém, Assistant Professor School of Architecture, Art and Design, University of Minho

Óscar Samuel Novais Carvalho, Associate Professor School of Engineering, University of Minho

Substitute vowels

Natacha Antão Moutinho, Assistant Professor School of Architecture, Art and Design, University of Minho

Elisabete Mónica Moreira Faria, Invited Professor Equal to Assistant Professor School of Architecture, Art and Design, University of Minho

In the event of impediment by the President of the Jury, he will be replaced by the first effective vowel, and the substitute vowel will be appointed to replace the effective vowel.

Criteria and procedures for applications assessment and selection: The applications assessment will focus on the candidate's Merit, following evaluation criteria, valued on a scale of 1 to 20 values:

Applicant Merit - AM (100%):

- a) Academic path (considering the classifications of academic degrees), with a weighting of 50%;
- b) Personal curriculum (considering professional and scientific background), with a weighting of 40%;
highlighting the following aspects:
 - i) designing interaction experiences between artefact and visitor 40%
 - ii) 3D modeling of artefacts 25%
 - iii) research work carried out with visually impaired people 25%
 - iv) work carried out in a museum context 10%
- c) Motivation letter, with a weighting of 10%.

The final classification of the applicant's merit with the achieved through the following formula:

$$MC=(a*0,5)+(b*0,4)+(c*0,1)$$

The jury reserves itself the right not to grant the fellowship if there are no candidates with the appropriate profile for the tender.

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 honor 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 124^o 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, in the terms of the number 3 of article 13 of Regulation of Scientific Research Fellowships of the University of Minho (RBIC).

Application deadline and submission: The call for applications is open from 26/04/2024 until 10/05/2024.

Applications must be formalized, mandatorily, by sending an email accompanied by the following documents:

a) Candidate's curriculum vitae;

b) Qualification certificate(s) mandatorily specifying the final classification and, if possible, the classification obtained in all subjects taken, or, in alternative, a declaration of honour by the candidate.

c) For degrees obtained abroad, registration of recognition of academic degrees granted by foreign higher education institutions and registration of the conversion of the respective final classification to the Portuguese classification scale, or, alternatively, a declaration of honour by the candidate;

d) Motivation letter.

Candidates may apply without prior registration in the courses for which the fellowship is open. The requirement to enrol in a degree-granting or non-degree-granting course will be verified on the date of contracting the fellowship.

- Only fellowships whose selected candidates present valid proof of enrolment in the degree awarding or non-degree-granting-course will be contracted, according to the type of fellowship in tender, issued by the academic services of the Higher Education Institution, respectively with the indication of the current academic year or its duration (beginning and end).

Applications must be sent by email to info@lab2pt.uminho.pt, indicating the reference of the call for applications in Subject (Lab2PT/UIDB-04509/24). Applications submitted by other means will not be accepted.

Fellowship contractualization: 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. Contract template and final report template ([link](#)).

Declaration of Honor Academic habilitations

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

I have submitted my diploma for recognition at the University of XXXXX, according to the Decree-Law n^o 66/2018 of August 16th(¹), concluded in the XX/XX/XXXX, with the final grade of XXXXX out of 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).

(name)

¹ 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>