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CALL FOR ONE RESEARCH GRANT UNDER THE RENOVERTY RESEARCH PROJECT - Reference: RENOVERTY-BIM - Application period: 24th May 2024 to 7th June 2024

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24 May 2024

Job Information

Organisation/Company	Institute of Systems and Robotics - Faculty of Sciences and Technology of the University of Coimbra
Department	Department of Electrical and Computer Engineering
Research Field	Engineering » Electrical engineering Engineering » Mechanical engineering Engineering » Biomedical engineering Engineering » Electronic engineering Engineering » Computer engineering
Researcher Profile	First Stage Researcher (R1)
Country	Portugal
Application Deadline	7 Jun 2024 - 23:59 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	40

Offer Starting Date	1 Jul 2024
Is the job funded through the EU Research Framework Programme?	LIFE Programme
Reference Number	RENOVERTY-BIM
Is the Job related to staff position within a Research Infrastructure?	No

Offer Description

CALL FOR ONE RESEARCH GRANT UNDER THE RENOVERTY RESEARCH PROJECT

Grant: Research Fellowship for MSc

Reference: RENOVERTY-BIM

Application period: 24th May 2024 to 7th June 2024

The Institute of Systems and Robotics of the University of Coimbra (ISR-UC) opens a call for applications for one (1) Research Fellowship for MSc. in the framework of the R&D project “Home Renovation Roadmaps to Address Energy Poverty in Vulnerable Rural Districts”, with the reference RENOVERTY, financed by the LIFE Programme, in the following conditions:

Scientific area: Electrical and Computer Engineering, Mechanical Engineering, Computer Engineering, Physical Engineering, Biomedical Engineering, or related areas.

Admission requirements: PhD students, or masters enrolled in non-academic degree courses, integrated into the educational project of a Portuguese higher education institution.

Candidates must have good technical and scientific knowledge in the area of energy management and previous experience in carrying out energy audits in buildings.

Due to the need to collect information from people in energy poverty, whose interviews have to be carried out in Portuguese, and the obligation of part of the documentation produced by the project to be written in Portuguese, the candidate must have proficient knowledge of both reading and writing in Portuguese.

Although the recipients must be enrolled in a cycle of studies leading to the attribution of 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: The work aims to promote energy efficiency improvements in homes in energy poverty, establishing the methodological and practical framework to build renewal roadmaps for vulnerable rural districts in a financially viable and socially fair way. Specifically, the project aims to provide tools and resources to support local and regional actors in building and executing single and multi-household operational roadmaps for rural areas. A scalable model will also be created to ensure broad geographic replicability and implementation of the roadmaps by different actors at the EU level. Strategically, the project will help minimize the logistical, financial, administrative and legal barriers involved in renovating residential buildings.

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 ISR-UC, in its current wording, according to the Research Fellowship Holder Statute, and according to the Regulation for Research Fellowships of the Fundação para a Ciência e a Tecnologia, I.P., both in their current wording.

Location: Instituto de Sistemas e Robótica - Universidade de Coimbra (ISR-UC)

Duration: 6 months.

Renewal: Possibly renewable, by agreement between both parties, not being allowed to exceed the project's deadline.

Scientific orientation: Professor Doutor Pedro Manuel Soares Moura.

Financial conditions: The amount of the fellowship is € 1.259,64 corresponding to the monthly compensation stipulated in the FCT table (https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf), plus social security (Seguro Social Voluntário, first level contributions) and personal accidents insurance.

Selection methods: The selection methods to be used will be the following: curricular evaluation, with a valuation of 50% for academic qualifications and 50% for the degree of satisfaction of the requirements relating to knowledge and experience for the project. If the Jury deems it necessary, an interview may be carried out with the candidates placed in the first three positions according to the ranking resulting from the above criteria. In this case, the final score will include the curricular assessment (as described above), with a valuation of 80%, and the interview, with a valuation of 20%. If none of the candidates has the appropriate profile (overall assessment below 60%), the scholarship will not be awarded.

Jury responsible for selection: President Pedro Manuel Soares Moura; Jury Members:João Luís Ruivo Carvalho Paulo, Lino José Forte Marques.

Formalization of application: Applications must be formalized by sending the following elements:

(1) Letter of motivation;

(2) Curriculum Vitae (CV); The CV should include: (i) Contact; (ii) Academic qualifications, including a complete list of the concluded courses/subjects/curricular units and their classifications); (iii) List of scientific publications; (iv) Projects in which he/she has participated; (v) Other relevant information;

(3) Copy of the Certificate of Qualifications with the final average.

(4) Proof of enrollment in a doctoral/PhD course, integrated in the educational project of a Portuguese higher education institution, or a declaration on the honor by the candidate that he/she will enroll in the course until the date that eventually may be defined by ISR-UC (date equal or previous to the date of contract signature, a date that may exist in case a fellowship is granted);

(5) 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 sent by e-mail, with reference " RENOVERTY-BIM" in the subject, to pmoura@uc.pt.

Submission of applications: Between 24th May 2024 to 7th June 2024.

Form of publicity / notification of the results: The results of the evaluation will be publicized, through a list ordered by the final grade obtained, with the candidates being notified by email. After the dissemination of the results through e-mail, the candidates must consider themselves, from the outset, notified to, if they wish, express themselves in a prior hearing within a maximum period of 10 working days after that date. At the end of this period, the selected candidate must consider himself summoned to start the fellowship.

Requirements

Research Field	Engineering
Education Level	Master Degree or equivalent
Languages	PORTUGUESE
Level	Excellent
Languages	ENGLISH
Level	Good

Additional Information

Website for additional job details	https://isr.uc.pt/index.php/about-isr/opportunities

Work Location(s)

Number of offers available	1
Company/Institute	Instituto de Sistemas e Robótica
Country	Portugal
State/Province	Coimbra
City	Coimbra
Postal Code	3030-790
Street	ISR DEEC Rua Silvio Lima, Polo II, Universidade de Coimbra

Where to apply

E-mail	pmoura@uc.pt

Contact

State/Province	Portugal
City	Coimbra
Website	http://www.isr.uc.pt
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