

15/06/2022

GECAD-PES_2022-09

Where to apply

Application Deadline: 01/07/2022 23:00 - Europe/London

Contact Details

Where to send your application.

COMPANY

Instituto Superior de Engenharia do Porto

E-MAIL

zav@isep.ipp.pt

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

Instituto Superior de Engenharia do Porto

COUNTRY

Portugal

DEPARTMENT

Human Resources Department

CITY

Porto

ORGANISATION TYPE

Higher Education Institute

STATE/PROVINCE

Porto

WEBSITE

POSTAL CODE

<https://www.isep.ipp.pt>

4249-015

E-MAIL

info-projetos@isep.ipp.pt

STREET

Rua Dr. António Bernardino de Almeida 431

ORGANISATION/COMPANY

Instituto Superior de Engenharia do Porto

LOCATION

Portugal › Porto

RESEARCH FIELD

Engineering

TYPE OF CONTRACT

Other

RESEARCHER PROFILE

First Stage Researcher (R1)

JOB STATUS

Other

APPLICATION DEADLINE

01/07/2022 23:00 - Europe/London

OFFER DESCRIPTION

A tenders is open for the award of 1 Research Scholarship for a Master's Degree in the area of electrical engineering at the R&D institution GECAD (GECAD–EEA/00760), within the scope of the RETINA project with reference NORTE-01-0145-FEDER-000062 co-financed by the European Regional Development Fund (ERDF) through the Northern Regional Operational Program - NORTH 2020. The following conditions apply to this recruitment process

1. SCIENTIFIC AREA

Engineering

2. ADMISSION REQUIREMENTS

Requirements: Master's degree in Electrical Engineering or similar area and enrollment in a doctoral cycle, experience and motivation for the integration and development of laboratory and computer applications and knowledge of spoken and written English.

Preferred profile: Candidates with studies in the area of sustainable energy with good capacity for teamwork and experience in the development of computational applications, experience with arduino, simulink, electrical systems analysis, MATLAB and optimization, and motivation to work as a team in the area of energy management, smart cities, digital twin and electric vehicles.

3. DURATION

The scholarship will have a duration of 6 months, being eventually renewable for periods of 6 months, according to the objectives of the project and its budget, up to the limit established in the legislation, to be carried out on an exclusive basis, according to the regulation of advanced training of human resources of the Foundation for Science and Technology and ISEP.

4. TASKS AND ACTIVITIES / WORK PLAN

The work plan involves the following tasks:

- Design and computational implementation of methods, algorithms, and computational applications;
- Integration and reformulation of existing and developed computer applications;
- Integration of computer applications with physical laboratory resources, namely for data acquisition and performance;
- Active participation in meetings with supervisors and research teams;
- Laboratory activities, including those referring to prototypes, and preparation of case studies, simulation studies, and the respective analysis and presentation of results;
- Availability of all the source code of the software developed within the scope of the exchange and of user manuals for that software;
- Preparation of scientific articles and reports, including the final report of the fellowship;
- Laboratory activities, including those referring to prototypes, and preparation of case studies, simulation studies, and the respective analysis and presentation of results;
- Activities related to communication and dissemination.

5. APPLICABLE LEGISLATION AND REGULATIONS

Research Fellowship Statute, approved by Law no. 40/2004, of 18 August; Regulation of Research Grants of the Foundation for Science and Technology, approved by Regulation no. of ISEP, Decree-Law no. 66/2018, published in Diário da República n.º 157/2018, Series I of 16 August, which approves the legal regime for recognizing academic degrees and higher education diplomas awarded by foreign higher education institutions and Decree-Law n. . 60/2018, of 3 August, which streamlines administrative procedures necessary for the pursuit of research and development activities, all in their current wording.

6. SCIENTIFIC SUPERVISION AND WORKPLACE

The work will be developed at ISEP, located at Rua Dr. António Bernardino de Almeida, 431, 4200-072 Porto – Portugal, in the facilities used by the projects in which the work fits, under the scientific supervision of Prof. Zita Vale.

7. MONTHLY ALLOWANCE

Monthly value of scholarships: € 1144.64 paid by bank transfer (according to the FCT value table: <http://www.fct.pt/apoios/bolsas/valores.phtml.pt>), supported through PAD n. C55785.

8. METHODS OF SELECTION AND COMPOSITION OF THE JURY

The selection method will consider the merit of the candidate, classified according to the respective suitability for the conditions of this tender, analyzed through the following components: Curriculum and Document Analysis (60%); Interview and Motivation Analysis (40%). The interview will be carried out in English.

The jury responsible for the selection process will be made up of:

Professor Zita Maria Almeida Vale (President);

Professor Sérgio Filipe Carvalho Ramos, (Member);

Dr. Luís Filipe de Oliveira Gomes, (Member);

and Dr. Bruno Miguel da Rocha Canizes (supplementary).

9. APPLICATION SUBMISSION FORM

Applications must be formalized, mandatorily, by email sent to zav@isep.ipp.pt with knowledge to scr@isep.ipp.pt and lfg@isep.ipp.pt, by sending the following documents:

- Detailed curriculum vitae, including address and telephone and email contacts;
- Certificate of qualifications / Document proving ownership of the academic degree and diploma, of the respective recognition when it has been awarded by foreign higher education institutions or document proving the request for recognition;
- Proof of enrollment in doctoral cycle if already available at the time of application; otherwise, this document has to be provided at the time of the contract preparation);
- Documents of scientific or technical nature that allow the evaluation of the candidate's activities and previous results relevant to the respective application
- Motivation letter;
- Other relevant documents.

If the qualification has been granted by a foreign higher education institution, it must comply with the provisions of Law No. 66/2018 August 16, and any formalities established therein must be fulfilled by the time of contracting.

10. DEADLINE FOR SUBMISSION OF APPLICATION

The reception of applications takes place between June 17th and July 1st, 2022.

11. PUBLICATION/NOTIFICATION OF RESULTS

The evaluation results will be communicated via email to the email address indicated in the application process.

12. COMPLAINT AND APPEAL PROCEDURES

If the result is unfavorable, candidates have a period of 10 working days, after the publication of the results of the evaluation of candidacies, to comment, if they wish, in a prior hearing of interested parties, under the terms foreseen in the Code of Administrative Procedure.

A hierarchical appeal may be lodged against the final decision referred to in the previous numbers, to the President of ISEP, within 15 working days after the respective notification.

13. SELECTION RESERVE

ISEP reserves the right to appeal to non-selected candidates, in order of ranking, to hire a scholarship holder within the scope of the same project, through the withdrawal of the initially selected candidate.

More Information

Map Information



Job Work Location



Personal Assistance locations

WORK LOCATION(S)

1 position(s) available at
Instituto Superior de
Engenharia do Porto
Portugal
Porto
Porto
4249-015
Rua Dr. António Bernardino
de Almeida 431

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