

03/06/2022

GECAD-PES_2022-08

Where to apply

Application Deadline: 21/06/2022 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 › Electrical engineering

TYPE OF CONTRACT

Other

RESEARCHER PROFILE

First Stage Researcher (R1)

JOB STATUS

Other

APPLICATION DEADLINE

21/06/2022 23:00 - Europe/London

OFFER DESCRIPTION

1. - Basic information

1. Title

1 researcher for a “Bolsa de Iniciação à Investigação” in the area of Electrical Engineering, for GECAD (GECAD–EEA/00760), PRECISE project, with reference PTDC/EEI-EEE/6277/2020.

1. 2. Offer Description

GECAD (GECAD–EEA/00760), is recruiting 1 researcher for a “Bolsa de Iniciação à Investigação”, financed by national funds through FCT/MCTES (PIDDAC) and co-financed, when applicable by the “Fundo Europeu de Desenvolvimento Regional” (FEDER) in the context of PT2020, for PRECISE project, with reference PTDC/EEI-EEE/6277/2020, where the following conditions apply:

Duration of the grant: 3 months duration, eventually to be renewed according to the applicable laws, the project execution and respective budget, starting expectingly on end of June 2022.

The work plan involves the following tasks:

- Data processing and analysis;
- Design and computational implementation of methods, algorithms, and computational applications;
- Integration and reformulation of existing and developed models;
- Participation in meetings with supervisors and project teams;
- Laboratory activities, including prototyping, and preparation of case studies, simulation studies, and the respective analysis and presentation of results;
- Availability of all the source codes regarding the developed software, within the scope of the work plan, and the proper manual documentation;
- Reports and scientific papers preparation, including the final activity report;
- Communication and dissemination activities.

The applicable laws are: 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. 950/2019, published in the 2nd series - Part C, of the Diário da República, of December 16, 2019, Regulation of ISEP Research Grants, Decree-Law No. 66/2018, published in Diário da República No. 157/2018, Series I of 16 August, which approves the legal regime for the recognition of academic degrees and higher education diplomas awarded by foreign higher education institutions and Decree-Law No. 60/2018, of 3 August, which simplified administrative procedures necessary for carrying out research and development activities, all in their current wording.

The candidates to be selected will be scientifically supervised by Prof. Zita Vale.

The workplace is at GECAD – the Research Group on Intelligent Engineering and Computing for Advanced Innovation and Development in the following address: Rua Dr. António Bernardino de Almeida, 431. 4200-072 Porto – Portugal.

Applications should be sent, mandatorily, by email to zav@isep.ipp.pt , with cc to csr@isep.ipp.pt and lfg@isep.ipp.pt, with the following documents:

Curriculum Vitae, including personal address, email, and phone;

Certificate of Qualifications / Document proving ownership of the academic degree and diploma, of the respective recognition when awarded by foreign higher education institutions or document proving the request for recognition;

Document with the grades, obtained in the curricular units of the ongoing Electrical Engineering degree enrolled by the candidate, the respective credits, and the grade average so far;

Certificate of being enrolled in a degree of Electrical Engineering;

Up to 3 documents (reports or publications) prepared by the candidate individually or in groups that attest to their participation in integrative projects;

Motivation letter;

Other relevant documents.

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

Application period: from the 6th to the 21st of June of 2022

The candidates will be individually notified by email message on the final evaluation results.

1. 3. Researcher Profiles

First Stage Researcher (R1)

2. - Required Education Level

1. Skills/Qualifications

Strong scientific background and experience in integrative projects for the development of solutions in the area of power and energy systems as a team member and motivation for the areas of smart grids and smart buildings.

1. 2. Specific Requirements

140 ECTS credits completed in a Bachelor's degree in Electrical Engineering or a similar area, good analysis and programming skills, experience and motivation for the development of artificial intelligence models and knowledge of spoken and written English.

3. - Required Languages

Language: English

Level: Excellent

4. - Required Research Experience

1. Benefits

Monthly value of the grant: € 486.12/month, paid by bank transfer (according to the table of stipends of FCT:

<http://www.fct.pt/apoios/bolsas/valores.phtml.en>), supported through the PAD n.º C55620.

1. 2. Eligibility criteria

Required profile: enrollment in an Electrical Engineering course, or equivalent, and with at least 140 credits already completed, high level of computational programming skills, experience and motivation for the development of artificial intelligence models knowledge of spoken and written English.

Preferred profile: Grade average of 14 (considering a 0 to 20 range) in the course of Electrical Engineering or equivalent, experience in integrative projects for the development of solutions in the area of power and energy systems as a team member and motivation for the areas of smart grids and smart buildings.

Candidates must be enrolled in a Degree in Electrical Engineering, or equivalent.

1. 3. Selection process

The selection method will take into account the following components: Curriculum vitae evaluation (60%) and interview (40%). The interview will be conducted in English.

Evaluation panel:

Professora Doutora Zita Maria Almeida Vale (President);

Professor Doutor Carlos Fernando da Silva Ramos;

Doutor Luís Filipe de Oliveira Gomes;
and Doutor Pedro Nuno da Silva Faria (supplementary).

5. Complaint and appeal procedures

If the result is unfavorable, the candidates have a period of 10 working days, after the results of the evaluation of applications are published, to, if they so wish, make their opinion known in a prior hearing of interested parties, under the terms set forth in the Administrative Procedure Code.

The final decision referred to in the previous numbers may be appealed to the President of the ISEP, within 15 working days after the respective notification.

6. SELECTION RESERVATION

ISEP reserves the right to use unselected candidates, in order of serialization, for the hiring of scholarship members under the same project by the withdrawal of the candidate initially selected.

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

EURAXESS offer ID: 794630

Disclaimer:

The responsibility for the jobs published on this website, including the job description, lies entirely with the publishing institutions. The application is handled uniquely by the employer, who is also fully responsible for the recruitment and selection processes.

Please contact support@euraxess.org if you wish to download all jobs in XML.