

12/04/2022

GECAD-PES_2022-06

Where to apply

Application Deadline: 29/04/2022 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

29/04/2022 23:00 - Europe/London

OFFER DESCRIPTION

1. - Basic information

A call for tender is open for the award of 1 Research Grant in the area of Electrical Engineering for 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 - NORTE 2020, under the following conditions:

Duration of the grant: 6 months duration, eventually to be renewed according to the applicable laws, the project execution and respective budget, starting expectingly on May 2022.

The applicants should have motivation and experience on computational methods including use of multi-agents, namely in the context of intensive use of distributed energy resources.

The work plan involves the following tasks:

- Design and computational implementation of methods, algorithms, and computational applications;
- Integration and reformulation of existing and developed computational applications;

- Integration of computational applications with physical resources, namely for data acquisition and control;
- Participation in meetings with project partners
- Reports and scientific papers preparation;
- Laboratorial and prototyping activities, including case studies preparation, simulation, and result analysis and presentation;
- Communication and dissemination activities.

2. Legislation

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 bmc@isep.ipp.pt, with the following documents:

Curriculum Vitae;

Graduation diplomas. In the case that the academic degree has been granted by a foreigner university, the applicant must submit the certificate of degree recognition in Portugal, or proof of respective application. All the requirements in the Decreto-Lei n.º 66/2018, de 16 de Agosto must be accomplished until de contract signature date.

Certificate of being enrolled in a doctorate degree program or another program not providing degree;

Technical or scientific documents authored by the applicant, which may be relevant to assess previous activities and results;

Other relevant documents.

Application period: from 13 to 29 April 2022.

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

1. 1. Researcher Profiles

First Stage Researcher (R1)

3. - Required Education Level

1. Skills/Qualifications

Strong scientific background and experience in the call scientific area. Good team-work skills. Authorship of scientific papers.

1. 2. Specific Requirements

MSC degree in electric power engineering, high level of computational programming skills, experience and motivation for development of informatic applications, writing and speaking proficiency in English. Previous relevant work and scientific research experience in intelligent systems, modeling, and multi-agents. Good programming skills computational applications based on artificial intelligence.

4. - Required Languages

Language: English

Level: Excellent

5. - Required Research Experience

1. Benefits

Monthly value of the grant: € 1 144.64/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 C54911.

1. 2. Eligibility criteria

Minimum profile required: MSC degree in computer engineering, high level of computational programming skills, experience and motivation for development of informatic applications, writing and speaking proficiency in English. Previous relevant work and scientific research experience in computational applications based on artificial intelligence, namely using knowledge-based systems, machine learning, modeling, simulation and multi-agents. Good programming skills computational applications based on artificial intelligence.

Preferred profile: Strong scientific background and experience in the call scientific area. Good team-work skills. Authorship of scientific papers.

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 Bruno Miguel da Rocha Canizes;

and Doutor Luis Filipe Oliveira Gomes (supplementary).

6. CLAIM AND APPEAL PROCEDURES

If the result is unfavorable, candidates have a period of 10 working days, after the results communication, if they so wish, in the context of a prior hearing of interested parties, under the terms provided for in the Code of Administrative Procedure.

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

7. Additional comments

ISEP may opt to select the approved and non-selected candidates in the scope of the current call for contracting additional researchers for the same project, in case that the selected candidate does not accept the position.

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: 771593

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