

22/04/2022

# GECAD-PES\_2022-05

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## Where to apply

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Application Deadline: 09/05/2022 23:00 - Europe/London

## Contact Details

### Where to send your application.

#### COMPANY

Instituto Superior de Engenharia do Porto

#### E-MAIL

zav@isep.ipp.pt

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## Hiring/Funding Organisation/Institute

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#### 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 › Computer engineering

**TYPE OF CONTRACT**

Other

**RESEARCHER PROFILE**

First Stage Researcher (R1)

**JOB STATUS**

Other

**APPLICATION DEADLINE**

09/05/2022 23:00 - Europe/London

## OFFER DESCRIPTION

### 1. Basic information

#### 1. Title

1 researcher for a “Bolsa de Investigação” in the area of Computer 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 Investigação” in the area of Computer Engineering, 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: 6 months duration, eventually to be renewed according to the applicable laws, the project execution and respective budget, starting expectingly on May 2022.

The selected researcher will developed the following:

The work plan involves the following tasks:

- Design and computational implementation of methods, algorithms, and computational applications;
- Integration and reformulation of existing and developed models;
- Integration of computer applications with physical resources, namely for data acquisition and actuation;
- 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;
- Laboratorial activities, including the ones referring to prototypes and preparation of case-studies, simulation studies, and respective analysis and results presentation;
- 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. of ISEP, 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 proceeds to simplify administrative procedures necessary for the pursuit of 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](mailto:zav@isep.ipp.pt) , with cc to [csr@isep.ipp.pt](mailto:csr@isep.ipp.pt) and [lfg@isep.ipp.pt](mailto:lfg@isep.ipp.pt), with the following documents:

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

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 master 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;

Motivation letter;

Other relevant documents.

Application period: 26<sup>th</sup> April to 09<sup>th</sup> May 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 the call scientific area. Good team-work skills. Authorship of scientific papers.

### 1. 2. Specific Requirements

Master Degree in Computer Engineering or similar area, experience and motivation for the integration and development of computer applications and knowledge of spoken and written English. Previous relevant work and scientific research experience in the domains of this “Bolsa de Investigação”.

### 3. Required Languages

Language: English

Level: Excellent

### 4. Required Research Experience

#### 1. Benefits

Monthly value of the grant: € 1144.64/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 C55104.

#### 1. 2. Eligibility criteria

Required profile: Master Degree in Computer Engineering or similar area, experience and motivation for the integration and development of computer applications and knowledge of spoken and written English.

Preferred profile: Good ability to work in teams and experience in the development of computer applications, experience in integrative projects for the development of software systems in a team and motivation for the areas of artificial intelligence and energy management.

#### 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).

#### 1. 4. 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 doesn't accept the position.

## 5. 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.

## More Information

### ADDITIONAL INFORMATION

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## Benefits

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## Eligibility criteria

Required profile: Master Degree in Computer Engineering or similar area, experience and motivation for the integration and development of computer applications and knowledge of spoken and written English.

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## REQUIREMENTS

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### Offer Requirements

#### **REQUIRED EDUCATION LEVEL**

Engineering: Master Degree or equivalent

#### **REQUIRED LANGUAGES**

ENGLISH: Excellent

## Skills/Qualifications

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

## Specific Requirements

Master Degree in Computer Engineering or similar area, experience and motivation for the integration and development of computer applications and knowledge of spoken and written English. Previous relevant work and scientific research experience in the domains of this "Bolsa de Investigação".

# 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: 776259

## Disclaimer:

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