

29/07/2022

# GECAD-PES\_2022-10 (F4iTECH)

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## Where to apply

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Application Deadline: 12/08/2022 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

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**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**

12/08/2022 23:00 - Europe/London

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## OFFER DESCRIPTION

### 1. - Basic information

#### 1. Title

1 researcher for a “Bolsa de Investigação” in the area of Computer Engineering or Electrical Engineering, for GECAD (GECAD–EEA/00760), for the project F4iTECH (ref. <sup>a</sup> POCI-01-0247-FEDER-181419).

#### 1. 2. Offer Description

GECAD (GECAD–EEA/00760), is recruiting 1 researcher for a “Bolsa de Investigação” in the area of Computer Engineering or Electrical Engineering, for the project F4iTECH, cofinanced by Fundo Europeu de Desenvolvimento Regional” (FEDER) through the Programa Operacional Competitividade e Internacionalização COMPETE 2020, with reference POCI-01-0247-FEDER-181419 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 expectantly on September 2022.

The selected researcher will develop 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;
- Communication and dissemination activities.

The applicable laws are: Estatuto do Bolseiro de Investigação, aprovado pela Lei n.º 40/2004, de 18 de agosto; Regulamento de Bolsas de Investigação da Fundação para a Ciência e Tecnologia, aprovado pelo Regulamento n.º 950/2019, publicado na 2.ª série- Parte C, do Diário da República, de 16 de dezembro de 2019, Regulamento de Bolsas de Investigação do ISEP, Decreto-Lei n.º 66/2018, publicado em Diário da República n.º 157/2018, Série I de 16 de agosto, que aprova o regime jurídico de reconhecimento de graus académicos e diplomas de ensino superior atribuídos por instituições de ensino superior estrangeiras e Decreto-Lei n.º 60/2018, de 3 de agosto, que procede à simplificação de procedimentos administrativos necessários à prossecução de atividades de investigação e desenvolvimento, todos nas suas redações atuais.

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: 01<sup>st</sup> to 12<sup>th</sup> august 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

Degree in Computer Engineering or Electrical 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: € 875.98/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 C55346.

#### 1. 2. Eligibility criteria

Required profile: Degree in Computer Engineering or Electrical 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.

Candidates must be enrolled in a master's study cycle or postgraduate program.

#### 1. 3. Selection process

The selection method will consider 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.

# More Information

## REQUIREMENTS

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### Offer Requirements

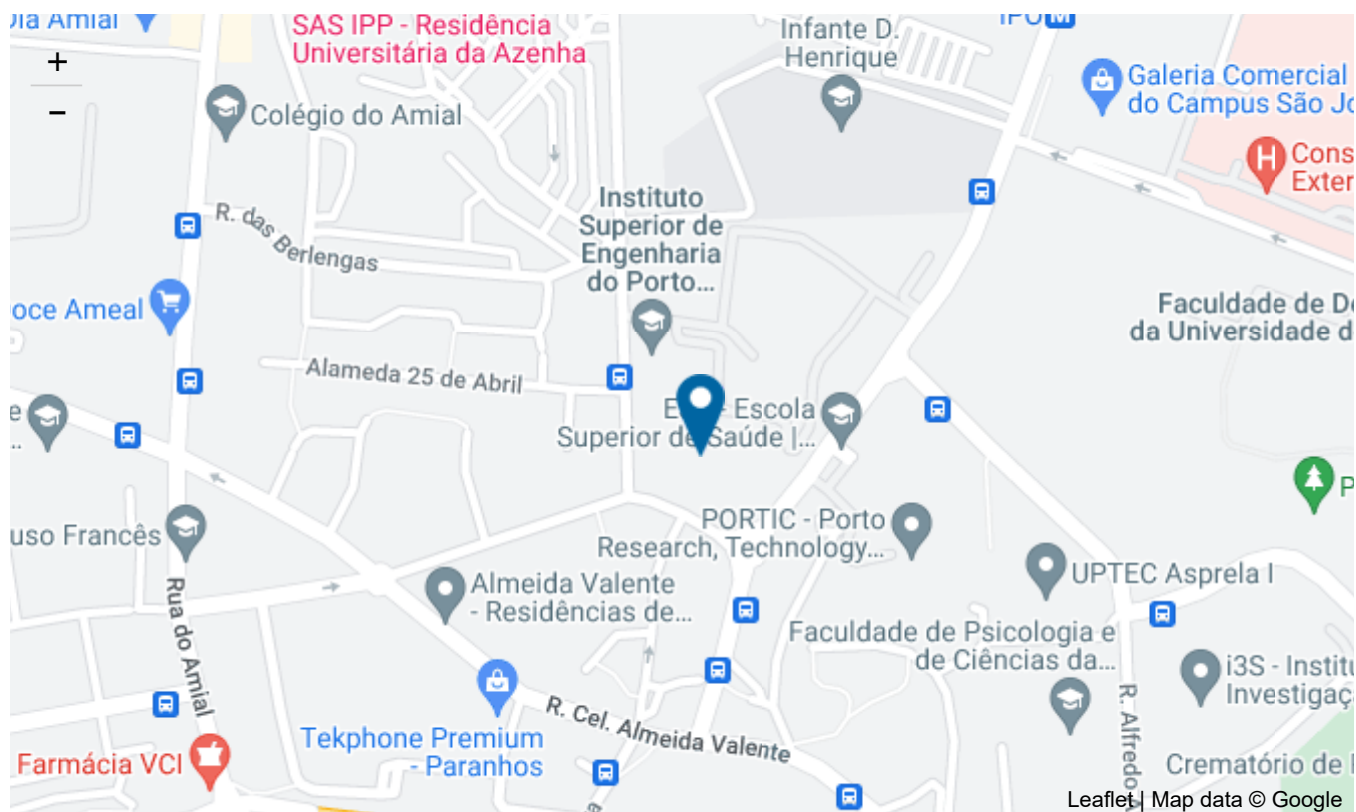
#### **REQUIRED EDUCATION LEVEL**

Engineering: Bachelor Degree or equivalent

#### **REQUIRED LANGUAGES**

ENGLISH: Excellent

# 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: 820489

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