

07/10/2021

# GECAD-PES\_2021-15

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## Where to apply

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Application Deadline: 21/10/2021 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**

Temporary

**RESEARCHER PROFILE**

First Stage Researcher (R1)

**JOB STATUS**

Other

**APPLICATION DEADLINE**

21/10/2021 23:00 - Europe/London

## OFFER DESCRIPTION

### 1. - Basic information

#### 1. Title

1 researchers for a “Bolsa de Investigação” in the area of Computer Engineering, for GECAD (GECAD–EEA/00760), MAS-SOCIETY project, with reference GECAD-PES\_2021-15.

### 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 MAS-SOCIETY project, with reference PTDC/EEI-EEE/28954/2017-POCI-01-0145-FEDER-028954, 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 October 2021.

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.

Research Fellowship Holder Statute, approved by Law n.º 40/2004, de 18 de August; Fundação para a Ciência e Tecnologia (FCT) Regulation for Research Studentships and Fellowships, approved by Regulation n.º 950/2019, published in the 2.ª série- Parte C, of Diário da República, 16th December 2019 and ISEP Research Fellowships regulations, 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 [bmc@isep.ipp.pt](mailto: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 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;

Other relevant documents.

Application period: from 8th to 21st October of 2021.

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

BSC 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 intelligent systems, modeling, and multi-agents. Good programming skills computational applications based on artificial intelligence.

#### 3. - Required Languages

Language: English

Level: Excellent

#### 4. - Required Research Experience

## 1. Benefits

Monthly value of the grant: € 835.98/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 C51271. A supplement of may be attributed, with a maximum of 268,66 euros, for researcher with relevant CV.

### 1. 2. Eligibility criteria

Minimum profile required: BSC 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 Tiago Manuel Campelos Ferreira Pinto (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 LANGUAGES**

ENGLISH: Excellent

## Skills/Qualifications

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## Specific Requirements

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# 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: 694165

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