

An official EU website

15/07/2021

GECAD-PES-2021-10

Where to apply

Application Deadline: 30/07/2021 23:00 - Europe/London

Contact Details

Where to send your application.

COMPANY

Instituto Superior de Engenharia do Porto

E-MAIL

scr@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

https://www.isep.ipp.pt

POSTAL CODE

4249-015

E-MAIL

STREET

APPLICATION DEADLINE

30/07/2021 23:00 - Europe/London

OFFER DESCRIPTION

3 researchers for a “Bolsa de Investigação” in the area of Electric Power Engineering, for GECAD (GE RETINA project, with reference GECAD-PES_2021-10.

GECAD (GECAD–EEA/00760), is recruiting 3 researchers for a “Bolsa de Investigação” in the area of Engineering, financed by national funds through FCT/MCTES (PIDDAC) and co-financed, when applicable, by the “European Union Regional Development Fund” (FEDER) in the context of PT2020, for RETINA project, with reference 01-0145-FEDER-000062 (GECAD-PES_2021-10), where the following conditions apply:

Duration of the grant: 6 months duration, eventually to be renewed according to the applicable laws, the applicable budget and respective budget, starting expectingly on september 2021.

The applicants should have motivation and experience on computational methods including use of machine learning 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;
- Communication and dissemination activities.

The applicable laws are: Estatuto do Bolseiro de Investigação, aprovado pela Lei n.º 40/2004, de 18 de dezembro; 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 e Regulamento de Bolsas de Investigação do ISEP, todos nas suas redações atuais.

The candidates to be selected will be scientifically supervised by Doctor Luis Gomes.

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

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

Curriculum Vitae;

More Information

ADDITIONAL INFORMATION

Benefits

Monthly value of the grant: € 835.98/month, paid by bank transfer (according to the table of stipends c
<http://www.fct.pt/apoios/bolsas/valores.phtml.en>), supported through the PAD n. ^{os} C51876/C51526/C!

Eligibility criteria

Minimum profile required: BSC degree in computer engineering or electric power engineering, high lev
programming skills, experience and motivation for development of informatic applications, writing and
English. Previous relevant work and scientific research experience in computational applications base
intelligence, namely using knowledge-based systems, machine learning, modeling, simulation and mu
programming skills computational applications based on artificial intelligence.

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

Selection process

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

Evaluation panel:

Professor Doutor Sergio Filipe Carvalho Ramos (President);

Doutor Luis Filipe Oliveira Gomes;

Doutor Pedro Nuno Silva Faria;

and Doutor Bruno Miguel da Rocha Canizes (supplementary).

Additional comments

ISEP may opt to select the approved and non-selected candidates in the scope of the current call for c
researchers for the same project, in case that the selected candidate doesn't accept the position.

REQUIREMENTS

Offer Requirements

REQUIRED EDUCATION LEVEL

Engineering: Bachelor Degree or equivalent

REQUIRED LANGUAGES

ENGLISH: Excellent

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Map Information



 Job Work Location  Personal Assistance locations

WORK LOCATION(S)

3 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: 664667

Disclaimer:

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