

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2021-0080 (CPES-Geral - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 job in the Energy Systems and Building Automation

Scientific Advisor:	David Emanuel Rua
Duration of the contract:	from 2021-05-24 to 2022-05-23
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Energy Systems and Building Automation

Project overview: Identification and use of state-of-the-art automation systems and related technologies and solutions readily available market for building management; development of customized HW and SW solutions customized for management and control of flexible resources in domestic and tertiary buildings; programming of modules of monitoring and controllable devices and systems; management of SW and HW modules for energy management in buildings; creation of technical and scientific documentation.

Objectives: Identification and use of automation systems for buildings and respective support platforms for building management; development of HW and SW modules for monitoring and control of domestic and tertiary/services buildings; implementation of control rules and integration of optimal scheduling algorithms; integration of database systems with management platforms and visualization platforms (dashboards); documentation writing.

Academic Qualifications:

Minimum profile required:

Preference factors:

Funding Entity:

Type of contract: Certain Term

The hiring shall be governed by what is stipulated in the legislation in force regarding fixed individual employment contracts and by INESC TEC norms.

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Selection Jury:	President of the Jury: Prof. David Emanuel Rua; Member: Prof. Manuel Matos; Member: Prof. Ricardo Jorge Bessa;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2021-04-21 to 2021-05-06
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us