

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2024-0164 (ATE - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING,COMPUTER SCIENCE Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Power Systems - Smart Grids	
Project:	Alliance for Energy Transition
Scientific Advisor:	Leonel Magalhães Carvalho
Start Date:	2024-06-18
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Power Systems - Smart Grids
Project overview:	Development of algorithms and software to control the production of electrical generation systems based on renewable energies.
Objectives:	Specification and development of a multi-temporal optimization module to control the production of electrical generation systems based on renewable energies. Integration of the developed software with an EMS platform. Documentation.

Academic Qualifications:	Master degree in electrical and computer engineering or computer science or informatics or similar.
Minimum profile required:	Basic knowledge about operations research. Basic knowledge of electrical power systems. Programming skills (Python, Java, C++, etc.).
Preference factors:	Advanced knowledge in electrical power systems. Experience with software development for electrical grid operation. Fluency in English and Portuguese (spoken and written). Experience with the development of APIs.

Funding Entity:	ATE funded by IAPMEI with reference 56 Co-financed by Component 5 - Capitalization and Business Innovation, integrated in the Resilience Dimension of the Recovery and Resilience Plan within the scope of the Recovery and Resilience Mechanism (MRR) of the European Union (EU), framed in the Next Generation EU, for the period 2021 - 2026.
Type of contract:	Uncertain term contract The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term 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 (if applicable).
Disability Incentive:	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.

Selection Jury:	President of the Jury: Leonel Magalhães Carvalho; Member: Ricardo Jorge Bessa; Member: Jorge Correia Pereira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2024-04-29 to 2024-05-29
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us