

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2024-0153 (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 RESEARCHER job in the Power Systems-Renewables Integration	
Scientific Advisor:	Carlos Moreira
Start Date:	2024-06-05
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Power Systems-Renewables Integration
Project overview: Development of renewables integration studies in power systems, with the aim of identifying advanced control functions to mitigate the impact on the system stability.
Objectives: Modelling and simulation of power systems for assessing the impact overcoming from the integration of Renewable Energy Sources (RES), followed by the implementation of advanced control strategies and grid-code compliance analysis to mitigate the steady-state and transient stability impacts. Acções do DocumentoRe.

Academic Qualifications:	Degree or Master degree in electrical and computer engineering or computer or similar.
Minimum profile required:	Solid knowledge in Electrical Power Systems analysis, ability to model renewables and electrical systems and simulation of steady-state and transient phenomena
Preference factors:	Experience in analysis of electric power systems, experience with simulation software - PSS/E, DigSilent or Matlab/Simulink. Fluency in English and Portuguese (written and spoken)

Funding Entity:	
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: Carlos Moreira; Member: João Peças Lopes; Member: Bernardo Silva;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2024-04-18 to 2024-05-18
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us