

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0465 (Plurianual_LA - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	INESC TEC
Research field:	Main: ENGINEERING Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Power Systems-Renewables Integration	
Project:	Financiamento Laboratório Associado
Scientific Advisor:	Bernardo Silva
Start Date:	2023-12-28
Location:	INESC TEC

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:	funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., project reference LA/P/0063/2020
Type of contract:	Permanent contract
The hiring shall be governed by what is stipulated in the legislation in force regarding permanent 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: Bernardo Silva; Member: Helena Vasconcelos; Member: Ricardo Jorge Bessa;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-11-24 to 2023-12-11
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us

