

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2023-0007 ( Plurianual_LA - CPES ) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Job/position/grant:</b>	RESEARCHER
<b>City:</b>	Porto
<b>Research field:</b>	Main: ENGINEERING Sub: Electrical engineering

### Job summary:

**INESC TEC is accepting applications for 1 RESEARCHER job in the Power Systems-Renewables Integration**

<b>Project:</b>	Financiamento Laboratório Associado
<b>Scientific Advisor:</b>	Bernardo Silva
<b>Duration of the contract:</b>	from 2023-03-01 to 2024-02-28, eventually renewable.
<b>Location:</b>	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.

<b>Academic Qualifications:</b>	Degree or Master degree in electrical and computer engineering or computer or similar.
<b>Minimum profile required:</b>	Solid knowledge in Electrical Power Systems analysis, ability to model renewables and electrical systems and simulation of steady-state and transient phenomena
<b>Preference factors:</b>	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).

<b>Funding Entity:</b>	funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., project (reference LA/P/0063/2020)
<b>Type of contract:</b>	fixed-term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-term employment contracts and by INESC TEC norms.	

<b>Selection criteria:</b>	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.
<b>Selection Jury:</b>	President of the Jury: Prof. Bernardo Silva; Member: Prof. Helena Vasconcelos; Member: Prof. Ricardo Jorge Bessa;
<b>Notification of results:</b>	The results of the selection process will be sent to the interested by electronic mail.
<b>Application period:</b>	From 2023-01-11 to 2023-02-11
<b>Application submission:</b>	Electronic form filling in <a href="http://www.inesctec.pt">www.inesctec.pt</a> in the section <a href="#">Work with Us</a>