

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0192 (Plurianual_LA - 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 - Electric Vehicles charging management	
Project:	Financiamento Laboratório Associado
Scientific Advisor:	Filipe Joel Soares
Duration of the contract:	from 2023-06-16 to 2024-06-15, eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Power Systems - Electric Vehicles charging management
Project overview:	Development of algorithms and software for electric vehicles charging management.
Objectives:	Development of optimization modules for electric vehicles charging; Development of mathematical models for the representation of electric vehicles and other flexible loads; Software integration with proprietary platforms for electric vehicles charging management.

Academic Qualifications:	Degree in electrical and computer engineering or computer science or informatics or similar.
Minimum profile required:	Basic knowledge about optimization methods. Programming skills (Python, C, C++, etc.).
Preference factors:	Advanced knowledge in electric 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:	funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., project (reference LA/P/0063/2020)
Type of contract:	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.	

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. Filipe Joel Soares; Member: Prof. Leonel Magalhães Carvalho; Member: Prof. Carlos Moreira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-05-17 to 2023-05-30
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us