

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2024-0195 (InsectERA - CRIIS) 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 Robotic system for egg selection and harvesting	
Project:	A ERA da indústria dos insetos
Scientific Advisor:	Filipe Neves Santos
Start Date:	2024-07-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Robotic system for egg selection and harvesting
Project overview:	- Study and identify state-of-the-art solutions for collecting and selecting black soldier eggs - Design and project a robotic solution for collecting and sorting eggs - Study and design a perception system for egg collection - Testing and validation of the designed solution in a real context - Production of scientific articles and communication of results.
Objectives:	Study and create a robotic solution for automatically collecting insect eggs for animal and human food.

Academic Qualifications:	Master's Degree in Electrical and Computer Engineering and related areas
Minimum profile required:	Master's Degree in Electrical and Computer Engineering and related areas
Preference factors:	Experience in developing perception systems, trajectory planning algorithms for robotic manipulators and programming in a ROS context.

Funding Entity:	InsectERA funded by IAPMEI with reference 20 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.
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: Filipe Neves Santos; Member: Tatiana Martins Pinho; Member: Luís Carlos Santos;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2024-05-23 to 2024-06-06
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us