

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

<b>Job reference:</b>	AE2023-0063 ( Wine4Cast - LA8.3 - CRIIS ) 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:

<b>INESC TEC is accepting applications for 1 RESEARCHER job in the Robotics and Automation for Agriculture and Forestry</b>	
<b>Project:</b>	Previsão espaço-temporal da produtividade vitivinícola para usabilidade multi-ator: integração de sensores ótico-fotónicos remotos, inteligência artificial e cenários climáticos
<b>Scientific Advisor:</b>	Filipe Neves Santos
<b>Duration of the contract:</b>	from 2023-04-01 to 2024-03-31, eventually renewable.
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b>	Robotics and Automation for Agriculture and Forestry
<b>Project overview:</b>	Study and evaluation of sensors for robots applied to the agricultural context, for the purpose of estimating productivity; Research on advanced artificial intelligence and robotics algorithms for real-time productivity estimation; Testing and validation of solutions developed in a real environment.
<b>Objectives:</b>	Development of robotic solutions for agriculture.

<b>Academic Qualifications:</b>	Master's Degree in Electrical and Computer Engineering or similar areas.
<b>Minimum profile required:</b>	Professional experience in the development of robotic solutions for agriculture.
<b>Preference factors:</b>	Experience programming in C/C++; Ability to write and speak English; Experience in developing solutions in ROS environment; Be enrolled in a doctoral or postgraduate program.

<b>Funding Entity:</b>	Wine4Cast - LA8.3 funded by IFAP with reference PRR-C05-i03-I-000071 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.
<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. Filipe Neves Santos; Member: Prof. Tatiana Martins Pinho; Member: Prof. Mário Cunha;
<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 2023-02-20 to 2023-03-03
<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>