

## CALL FOR APPLICATIONS: RESEARCHER

### Job/position/grant:

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| <b>Job reference:</b>      | AE2022-0316 ( CRIIS-Geral - CRIIS )<br>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<br>Sub: Electrical engineering  |

### Job summary:

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| <b>INESC TEC is accepting applications for 1 RESEARCHER job in the Robotics and Automation for Agriculture and Forestry</b> |                            |
| <b>Scientific Advisor:</b>  | Filipe Neves Santos        |
| <b>Start Date:</b>  | 2022-11-21                 |
| <b>Location:</b>  | INESC TEC, Porto, Portugal |

### Job description:

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| <b>Work Area:</b> Robotics and Automation for Agriculture and Forestry  |
| <b>Project overview:</b> Study and design of mechanical structures for robotic platforms and investigation of robotic tools optimized for application in the context of agricultural robots, within the scope of the Wine&Vine and AgendaTransform projects |
| <b>Objectives:</b> Develop mechanical structures for robotic platforms. Optimization of tools for agricultural robots.  |

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| <b>Academic Qualifications:</b>  | Degree / Master Degree in Mechanical Engineering or similar areas  |
| <b>Minimum profile required:</b> | Professional experience of mechanical design of robotic solutions in solidworks  |
| <b>Preference factors:</b>       | Have designed (agricultural) robots in solidworks and validated the designs in real prototypes in TRL6. Two years of minimum and proven experience in the design of solutions/mechanics in a business context. |

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| <b>Funding Entity:</b>   |                         |
| <b>Type of contract:</b>   | 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. |                         |

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| <b>Selection criteria:</b>      | The selection of the candidates will be based on the following criteria, in descending order of consideration:<br>a) Relevant Curriculum in the concerned field of this tender<br>b) Proven experience. |
| <b>Selection Jury:</b>          | President of the Jury: Prof. Filipe Neves Santos;<br>Member: Prof. Héber Miguel Sobreira;<br>Member: Prof. Tatiana Martins Pinho;   |
| <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 2022-10-19 to 2022-11-02   |
| <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>   |