

INESC TEC | Post Doctoral Research Grant (AE2025-0150)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=255014>

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Posted Mar. 31, 2025, set to expire Jul. 28, 2025

<b>Job Title</b>	INESC TEC   Post Doctoral Research Grant (AE2025-0150)
<b>Department</b>	CRIIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Mar. 31, 2025
<b>Application Deadline</b>	Apr. 9, 2025
<b>Position Start Date</b>	Mar. 27, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other Computer Science
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5396">https://www.inesctec.pt/en/form/notice/5396</a>
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<b>Job Description</b>	

Research Opportunities

**Artificial intelligence and remote observation for IoT and Robotics**

**Work description**

The TRIBE LAB Laboratory - Robotics and IoT for precision agriculture and forestry has been working on robotic and IoT technology that needs to be integrated with a decision support system, to increase its autonomy and impact. In this context, the aim is to explore new projects, publications and concepts

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integrating Artificial Intelligence and data provided by satellites, drones, robots and IoT to obtain prescription, productivity and action maps, which can support the farmer in his decision-making, as well how to automate the connection between the decision support system and robots.

### Academic Qualifications

- PhD in agricultural production chains, computer sciences, engineering and similar.

### Minimum profile required

- Experience with geographic information systems.
- More than 10 scientific publications in indexed journals.
- Proven experience in using machine learning techniques using Python.

### Preference factors

- Proven experience with Pandas, Seaborn, Matplotlib and Numpy.
- Carrying out work with the agriculture and forestry sector.

**Maintenance stipend:** € 1851,00, according to the table of monthly maintenance stipend for FCT grants , paid via bank transfer. Grant holders may be awarded potential supplements, according to a quarterly evaluation process (Articles 19, 21 and 22 of the Regulations for Grants of INESC TEC and Annex II), up to a maximum limit of 50% of the monthly maintenance stipend.

INESC TEC supports costs with registration, enrolment or tuition fees, during the grant duration, under the terms established in the internal document: "Payment of Tuition fees to grant holders".

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The grant holder will benefit from health insurance, supported by INESC TEC.

### Application Period

Since 27 Mar 2025 to 09 Apr 2025

### Centre

Robotics in Industry and Intelligent Systems

### Scientific Advisor

[Filipe Neves Santos](#)

### What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**

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- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

Portugal

**Contact E-mail**      rh@inesctec.pt