

INESC TEC | Research Grant (AE2025-00044)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=252507>

Downloaded On: Apr. 19, 2025 10:46am

Posted Jan. 31, 2025, set to expire Jun. 2, 2025

<b>Job Title</b>	INESC TEC   Research Grant (AE2025-00044)
<b>Department</b>	CAP
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Jan. 31, 2025
<b>Application Deadline</b>	Feb. 12, 2025
<b>Position Start Date</b>	Jan. 30, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Optics & Optical Engineering Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5292">https://www.inesctec.pt/en/form/notice/5292</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Laser and distributed sensing.**

### Work description

The work is part of the SEAGUARD project which aims to support and develop software for BIG DATA. The aim is to monitor and locate fibre optic cables using DAS. Make a 3D Cable representation using image processing.

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### Academic Qualifications

- Degree in Physical Engineering, attending the Master's

### Minimum profile required

- Python Expertise.

### Preference factors

- Knowledge of laser and fiber optics.

**Maintenance stipend:** € 990,98, 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".

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

### Application Period

Since 30 Jan 2025 to 12 Feb 2025

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### Centre

Applied Photonics

### Scientific Advisor

[Orlando Frazão](#)

### 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**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

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**Contact Information**

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

**Contact**

INESC TEC - Instituto De Engenharia De Sistemas E  
Computadores, Tecnologia E Ciência  
Portugal

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