

INESC TEC | Doctor Researcher (AE2025-0438)
INESC TEC

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Posted Oct. 15, 2025, set to expire Feb. 2, 2026

Job Title	INESC TEC Doctor Researcher (AE2025-0438)
Department	CAP
Institution	INESC TEC PORTO, , Portugal
Date Posted	Oct. 15, 2025
Application Deadline	Oct. 15, 2025
Position Start Date	Available immediately
Job Categories	Graduate Student
Academic Field(s)	Engineering Physics Optics & Optical Engineering
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Job Description	

Research Opportunities

Physical or Electrical Engineering

Work description

- The present work is part of the ATE_SOUND3D_OS project and aims to provide support and develop Python software for a customized submarine cable installed at the Port of Leixões.
- In addition, it seeks to enable the monitoring and localization of the optical fiber cable using DAS (Distributed Acoustic Sensing) technology, as well as the monitoring of vessels entering the Port of Leixões.

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Academic Qualifications

- PhD in engineering and similar

Minimum profile required

- PhD awarded within the past year, with experience in the field of optical fiber and more than five publications in the area.
- The profile must be compatible with the category of the scientific research career corresponding to the remuneration level defined below, with significant emphasis on fiber optic sensors and expertise in Python.

Preference factors

- Participation, including the possible undertaking of responsibilities, in research and development projects in the field of Physical Engineering

Salary level: In accordance with article 15 of the RJEC and article 2 of Regulatory Decree no. 11-A/2017, of 29 December, the gross monthly base remuneration to be awarded is based on remuneration level 1 of the Investigador Júnior category of the Public Scientific Research Career Statute, with INESC TEC applying its own remuneration table for R&D doctoral employees, with a value of €2404.92 for the equivalent category.

Application Period

Since 02 Oct 2025 to 15 Oct 2025

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

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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.

For more information: [Click here](#)

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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