

INESC TEC | Post Doctoral Research Grant (AE2025-0426)
INESC TEC

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Posted Sep. 18, 2025, set to expire Jan. 18, 2026

Job Title	INESC TEC Post Doctoral Research Grant (AE2025-0426)
Department	CRAS
Institution	INESC TEC PORTO, , Portugal
Date Posted	Sep. 18, 2025
Application Deadline	Oct. 1, 2025
Position Start Date	Sep. 18, 2025
Job Categories	Graduate Student
Academic Field(s)	Electrical and/or Electronics
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Apply By Email	
Job Description	

Research Opportunities

Electronic Engineering

Work description

- State-of-the-art study of inertial underwater navigation and dynamic flow measurement systems.
- Development of a flow and pressure sensor array on a flexible PCB (print circuit board).
- Development of instrumentation and a processing system for the sensor array.
- Encapsulation of the respective system in a flexible material for application in underwater

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vehicles.

- Publication of results in a scientific journal and/or conference.
- Writing of the grant activity report.

Academic Qualifications

- PhD in Electrical Engineering.

Minimum profile required

- Bachelor's and Master's degree average above 15.
- 5 articles published as first author in peer-reviewed journals.
- 2 presentations in technical sessions at international conferences.
- 20 indexed publications (Scopus).

Preference factors

- Experience developing flow sensors or other physical variables for aquatic environmental monitoring.
- Experience developing low-power instrumentation circuits.
- Experience developing low-power data processing units.
- Experience developing flexible PCBs.
- Experience writing scientific publications.

Application Period

Since 18 Sep 2025 to 01 Oct 2025

Centre

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Robotics and Autonomous Systems

Scientific Advisor

[Marcos Martins](#)

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](#)

Contact Information

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Contact

Portugal

Contact E-mail rh@inesctec.pt