

INESC TEC | Research Grant (AE2025-0361) INESCTEC

Direct Link: <https://www.AcademicKeys.com/r?job=261151>

Downloaded On: Aug. 19, 2025 5:23pm

Posted Aug. 19, 2025, set to expire Dec. 14, 2025

Job Title	INESC TEC Research Grant (AE2025-0361)
Department	CRIIS
Institution	INESCTEC PORTO, , Portugal

Date Posted	Aug. 19, 2025
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Application Deadline	Aug. 28, 2025
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Position Start Date	Aug. 14, 2025
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Job Categories	Graduate Student
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Academic Field(s)	Robotics Engineering - Other
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Job Description

Research Opportunities

Industrial Robotics

Work description

- Develop a digital twin environment for robotic cells.
- Integrate AR devices with simulators using open-source standards.
- Acquire task execution data using AR devices.
- Adapt robot movements based on the acquired data.
- Test and validate the system developed at iiLab/INESC TEC.

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Academic Qualifications

- Degree in Electrical and Computer Engineering.

Minimum profile required

- Enrollment in a Master's degree in Electrical and Computer Engineering.
- Proven experience in R&D projects.
- Knowledge of Blender and NVIDIA USD Composer.
- Experience in C/C++ programming.
- Experience with Artificial Intelligence frameworks.

Preference factors

- The candidate must have knowledge of robotics and programming.
- Extracurricular activities, such as participation in competitions or demonstrations at the National Robotics Festival or similar events, will be valued.
- Knowledge of AI.
- Experience with the NVIDIA Omniverse ecosystem.
- Experience with augmented reality headsets.

Maintenance stipend: € 1040.98, 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 14 Aug 2025 to 28 Aug 2025

Centre

Robotics in Industry and Intelligent Systems

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Scientific Advisor

[Marcelo Petry](#)

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

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

Contact

Portugal

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Contact E-mail rh@inesctec.pt