

## INESC TEC | Research Grant (AE2024-0328) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=242886>

Downloaded On: Aug. 9, 2024 3:19pm

Posted Aug. 8, 2024, set to expire Dec. 8, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0328)
<b>Department</b>	CRIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Aug. 8, 2024
<b>Application Deadline</b>	Aug. 14, 2024
<b>Position Start Date</b>	Aug. 1, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5015">https://www.inesctec.pt/en/form/notice/5015</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunity

### **Industrial Robotics**

#### **Work description**

- Study and identify state-of-the-art solutions for handling fabrics and flexible objects using a dual arm robot.
- Development of algorithms for planning picking and grasping postures in order to stretch/fold a given fabric.
- Testing in a simulated environment. Production of scientific articles and communication of results.

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### Academic Qualifications

Master's degree in Computer Engineering, Electrical Engineering and related areas.

### Minimum profile required

- Experience in ROS Frameworks.
- Experience in Industrial Robots programming.
- Experience in artificial vision for robotics.
- Experience in the following programming languages: C# and C++.

### Preference factors

Previous experience working with robot simulation software.

**Maintenance stipend:** € 1259,64, 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

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Since 01 Aug 2024 to 14 Aug 2024

### Centre

Robotics in Industry and Intelligent Systems

### 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](#)

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**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