

## INESC TEC | Research Grant (AE2024-0352) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243312>

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Posted Aug. 19, 2024, set to expire Dec. 19, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0352)
<b>Department</b>	HASLAB
<b>Institution</b>	INESC TEC BRAGA, , Portugal
<b>Date Posted</b>	Aug. 19, 2024
<b>Application Deadline</b>	Aug. 28, 2024
<b>Position Start Date</b>	Aug. 14, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
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<b>Job Description</b>	

Research Opportunity

### **Distributed Systems**

### **Work description**

The following activities have been defined for this grant:

- To develop a fault tolerant data persistence mechanism, using heterogeneous replication techniques;
- To develop a benchmark for evaluating systems based on heterogeneous database replication;

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- To thoroughly evaluate the fault-tolerant persistence mechanism based on heterogeneous replication with the benchmark;
- To write a dissertation on the topic of the work done in the context of this grant;
- Write an activity report regarding the grant.

### Academic Qualifications

- Be enrolled in a MSc program in computer science or Informatics Engineering.

### Minimum profile required

- Knowledgeable in Distributed Systems;
- Knowledgeable in Fault Tolerance.

### Preference factors

- Knowledgeable in heterogeneous replication systems.

**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.

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### Application Period

Since 14 Aug 2024 to 28 Aug 2024

### Centre

High-Assurance Software

### Scientific Advisor

[Ana Nunes Alonso](#)

### 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.

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**Contact Information**

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

**Contact**

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