

## INESC TEC | Research Grant (AE2025-0317) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=260541>

Downloaded On: Aug. 5, 2025 1:30pm

Posted Aug. 1, 2025, set to expire Dec. 1, 2025

<b>Job Title</b>	INESC TEC   Research Grant (AE2025-0317)
<b>Department</b>	HASLAB
<b>Institution</b>	INESC TEC BRAGA, , Portugal

<b>Date Posted</b>	Aug. 1, 2025
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<b>Application Deadline</b>	Aug. 6, 2025
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<b>Position Start Date</b>	Jul. 24, 2025
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<b>Job Categories</b>	Graduate Student
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<b>Academic Field(s)</b>	Computer Science Engineering - Other
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**Apply By Email**

**Job Description**

Research Opportunities

**Computer Science.**

### Work description

- Identify the methodologies, reference architectures and prototypes currently in use within the concept of data spaces.
- Deployment of operational tests with several data space reference implementations available and available data apps, particularly in EDC's reference implementation.

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- Design of a customizable data plane for processing of several data classes.
- Explore deployment mechanisms and options to fully automate the deployment and management of the data space components, including Kubernetes, Ansible or other.
- Write a report and scientific paper with the results of the work done in the context of this grant.

### Academic Qualifications

- Currently enrolled in a MSc programme in Computer Engineering.

### Minimum profile required

- Starting Knowledge in Distributed Systems.
- Knowledge and use of database systems (relational, NoSQL).
- Starting knowledge with the data spaces concept (interoperability connectors).
- Fluency in English and Portuguese (spoken and written).

### Preference factors

- Knowledge Docker, Kubernetes and Ansible.
- Experience of the EDC data space reference implementation.
- Experience with RESTFull interfaces and web development.

**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".

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The grant holder will benefit from health insurance, supported by INESC TEC.

### Application Period

Since 24 Jul 2025 to 06 Aug 2025

### Centre

High-Assurance Software

### Scientific Advisor

[Fábio André Coelho](#)

### 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**

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- 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

**Contact E-mail**      rh@inesctec.pt