

INESC TEC | Research Grant (AE2025-0237)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257955>

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Posted Jun. 5, 2025, set to expire Oct. 5, 2025

Job Title INESC TEC | Research Grant (AE2025-0237)
Department CESE
Institution INESC TEC
PORTO, , Portugal

Date Posted Jun. 5, 2025

Application Deadline Jun. 20, 2025

Position Start Date Jun. 5, 2025

Job Categories Graduate Student

Academic Field(s) Engineering - Other
Computer Science

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Job Description

Research Opportunities

Artificial Intelligence; Multi-Agent Systems

Work description

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The training area of the scholarship is Artificial Intelligence, with a focus on the study of approaches that facilitate the integration of tools typically used in industry, such as simulation, planning and/or optimisation tools and models, with new approaches to industrial AI, namely those based on agents and Multi-Agent Systems.

The main objective is to contribute to the creation of interfaces that allow natural interaction with these types of systems, and their use by agents in the form of tools. Specifically, the main activities to be carried out by the grant holder are:

1. To analyse the state of the art of current approaches to the development and integration of tools with agents.
2. To contribute to the development of interfaces that allow agents to interact naturally with information systems and typical tools in the industrial area, such as simulation, planning or optimisation tools.
3. Researching, identifying, evaluating and implementing methods to minimise hallucinations and guarantee the quality of results.
4. Collaborating in the development and validation in a real scenario of the tool developed.
5. Collaborate in the writing of technical-scientific documents and the writing of the scholarship activity report.

Academic Qualifications

- Degree in computer engineering, information systems, or related field.

Minimum profile required

- Average of bachelor's degree higher than 12.

Preference factors

- Experience in the use and/or integration of simulation and optimisation tools.
- Experience in developing agents and multi-agent systems.

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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 05 Jun 2025 to 20 Jun 2025

Centre

Enterprise Systems Engineering

Scientific Advisor

[Davide Rua Carneiro](#)

What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange

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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

Contact E-mail rh@inesctec.pt