

INESC TEC | Research Grant (AE2025-0116)
INESC TEC

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Posted Mar. 17, 2025, set to expire Jul. 14, 2025

Job Title	INESC TEC Research Grant (AE2025-0116)
Department	CTM
Institution	INESC TEC PORTO, , Portugal
Date Posted	Mar. 17, 2025
Application Deadline	Mar. 27, 2025
Position Start Date	Mar. 13, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Electrical and/or Electronics
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Apply By Email	
Job Description	

Research Opportunities

Electrical engineering

Work description

1. Design of unit cells suitable for the multi-bit phase control, in the frequency range of 28 GHz, and subsequent validation in 3D electromagnetic simulation.
2. Development of unit cell prototypes, fabrication and experimental validation.

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3. Scaling of the design to array configuration.
4. Prepare the submission of a scientific paper.
5. Write the grant activities report.

Minimum profile required

- First author of 1 scientific paper in the area of antenna design.
- Experience with the conduction of experimental antenna measurements.

Preference factors

- Experience with 3D electromagnetic simulation tools.
- Experience in the design of antenna arrays.

Maintenance stipend: € 1309,64, 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

Since 13 Mar 2025 to 27 Mar 2025

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Centre

Telecommunications and Multimedia

Scientific Advisor

[Luís Manuel Pessoa](#)

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- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
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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](#)

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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