

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

Direct Link: <https://www.AcademicKeys.com/r?job=254410>

Downloaded On: Jun. 2, 2025 2:18am

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
Apply Online Here	https://www.inesctec.pt/en/opportunities/electrical-engineering-AE2025-0116#intro
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.

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

Direct Link: <https://www.AcademicKeys.com/r?job=254410>

Downloaded On: Jun. 2, 2025 2:18am

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

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

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

Direct Link: <https://www.AcademicKeys.com/r?job=254410>

Downloaded On: Jun. 2, 2025 2:18am

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

Centre

Telecommunications and Multimedia

Scientific Advisor

[Luís Manuel Pessoa](#)

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](#)

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

Direct Link: <https://www.AcademicKeys.com/r?job=254410>

Downloaded On: Jun. 2, 2025 2:18am

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

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