

INESC TEC | Research Grant (AE2024-0542) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=250407>

Downloaded On: Dec. 21, 2024 8:34pm

Posted Dec. 13, 2024, set to expire Apr. 14, 2025

Job Title	INESC TEC Research Grant (AE2024-0542)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Dec. 13, 2024
Application Deadline	Dec. 30, 2024
Position Start Date	Dec. 12, 2024
Job Categories	Graduate Student
Academic Field(s)	Energy Technology Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/form/notice/5214
Apply By Email	
Job Description	

Research Opportunities

Power Systems - Renewable Energy Communities operation and planning

Work description

- Characterize the state of the art in the field of energy communities and the optimization algorithms for their operation.
- Contribute to the specification, development of algorithms for optimization of energy communities.
- Specify and design incentive mechanisms for the exchange of energy consumption related data.

INESC TEC | Research Grant (AE2024-0542) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=250407>

Downloaded On: Dec. 21, 2024 8:34pm

Posted Dec. 13, 2024, set to expire Apr. 14, 2025

- Develop and implement an algorithm to encourage data exchanges with successful testing on a platform with user data.
- Carry out a curricular unit of transversal skills; - write the scholarship activity report.

Minimum profile required

- Master in electrical engineering, energy systems, mathematics or other similar field.
- Knowledge of algorithm development and programming.
- Fluency in English and Portuguese (written and spoken).

Preference factors

- Knowledge of fundamental concepts related to renewable energy communities.
- Knowledge of optimization and forecasting models.
- Knowledge of Python (or similar).

Maintenance stipend: € 1259,64, 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

INESC TEC | Research Grant (AE2024-0542) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=250407>

Downloaded On: Dec. 21, 2024 8:34pm

Posted Dec. 13, 2024, set to expire Apr. 14, 2025

Since 12 Dec 2024 to 30 Dec 2025

Centre

Power and Energy Systems

Scientific Advisor

[Alexandre Lucas](#)

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 (AE2024-0542)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=250407>

Downloaded On: Dec. 21, 2024 8:34pm

Posted Dec. 13, 2024, set to expire Apr. 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