

INESC TEC | Research Grant (AE2024-0176)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=235823>

Downloaded On: Jul. 3, 2024 3:41am

Posted May 9, 2024, set to expire Sep. 8, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0176)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	May 9, 2024
<b>Application Deadline</b>	Jun. 9, 2024
<b>Position Start Date</b>	May 9, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Electrical and/or Electronics Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/4875">https://www.inesctec.pt/en/form/notice/4875</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunity

# POWER SYSTEMS - DISTRIBUTED ENERGY RESOURCES

## Work description

1) Development of workflows to complement data sets from connected data spaces, to improve data

## INESC TEC | Research Grant (AE2024-0176) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=235823>

Downloaded On: Jul. 3, 2024 3:41am

Posted May 9, 2024, set to expire Sep. 8, 2024

analytics outcomes (forecasts, financial tool analysis, predictive maintenance and operation optimization)

2) Performing analysis on storage related models and development of forecast models to show against a baseline, the improvement of the assessed tools when integrating third party data (from connected data spaces).

3) Validate the developed methodologies on real data and real demonstration sites, in particular the existing use cases part of the InterStore project.

4) Dissemination of the work in international journals and/or conferences

### Minimum profile required

- Academic background in electrical engineering, computer science, mathematics, industrial engineering or similar (PhD student or finished Masters)
- Programming knowledge in Python
- Fluent in English

### Preference factors

- Past experience (or academic background) with energy data analytics;
- Experience with simulation techniques that model the behavior of individual agents (organizations or people), and their interactions in a system;
- Academic background experience and research oriented

**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.

### Application Period

Since 09 May 2024 to 09 Jun 2024

### Centre

INESC TEC | Research Grant (AE2024-0176)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=235823>

Downloaded On: Jul. 3, 2024 3:41am

Posted May 9, 2024, set to expire Sep. 8, 2024

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 (AE2024-0176)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=235823>

Downloaded On: Jul. 3, 2024 3:41am

Posted May 9, 2024, set to expire Sep. 8, 2024

**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