

INESC TEC | RESEARCHER (AE2024-0422)
INESC TEC

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Posted Oct. 11, 2024, set to expire Feb. 10, 2025

Job Title	INESC TEC RESEARCHER (AE2024-0422)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Oct. 11, 2024
Application Deadline	Nov. 10, 2024
Position Start Date	Oct. 10, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunities

Advanced Smart Grid Applications

Work description

Specification and development of monitoring and automation algorithms for transmission and distribution networks with integrating high shares of distributed energy resources Application integration and testing in HIL laboratory infrastructure

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Academic Qualifications

Master's degree in electrical engineering and computers; energy systems and related areas

Minimum profile required

- Experience on the modelling of transmission and distribution networks for steady-state simulation studies.
- Modelling and simulation software (Matlab Simulink, etc.)

Preference factors

- Solid programming.
- Knowledge (python, C).
- Experience in the development of state estimation algorithms.
- Fluency in English (spoken and written)

Application Period

Since 10 Oct 2024 to 10 Nov 2024

Centre

Power and Energy Systems

Scientific Advisor

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[Jorge Correia Pereira](#)

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](#)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

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Contact E-mail rh@inesctec.pt