

INESC TEC| Research Grant (AE2024-0161)
INESC TEC

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Posted Apr. 29, 2024, set to expire Aug. 29, 2024

Job Title	INESC TEC Research Grant (AE2024-0161)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Apr. 29, 2024
Application Deadline	May 29, 2024
Position Start Date	Apr. 29, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Power Systems - Artificial Intelligence

Work description

1) Development of workflows and methods enabling AI-powered decision assistants to support full human operator control under risk and model uncertainty and considering human-AI co-learning. 2) Validate the developed methodologies on real data and open-source simulators for power network use cases. Develop/improve AI-friendly digital environments.

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

Minimum profile required

- Previous academic background in applied mathematics or computer science or informatics or electrical engineering or similar.

Preference factors

- Advance knowledge in electric power systems;
- Past experience (or academic background) with supervised and reinforcement learning;
- Academic background in operations research;
- Programming knowledge in Python

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 29 Apr 2024 to 29 May 2024

Centre

Power and Energy Systems

Scientific Advisor

Ricardo Jorge Bessa

Fore more information: [Click Here](#)

Contact Information

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Contact

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Contact E-mail rh@inesctec.pt