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International documentary competition to recruit an assistant researcher for the scientific area of Mechatronics Engineering IN THE Renewable Energies Chair of the University of Évora.

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24 Jun 2025

Job Information

Organisation/Company	UNIVERSIDADE DE ÉVORA
Department	Divisão de Gestão de Recursos Humanos
Research Field	Other
Researcher Profile	First Stage Researcher (R1)
Positions	PhD Positions
Country	Portugal
Application Deadline	5 Aug 2025 - 23:59 (Europe/Lisbon)
Type of Contract	Temporary
Job Status	Full-time
Hours Per Week	35
Offer Starting Date	24 Jun 2025
Is the job funded through the EU Research Framework Programme?	Not funded by a EU programme
	No

**Is the Job related to staff position
within a Research Infrastructure?**

Offer Description

International documentary competition to recruit an assistant researcher for the scientific area of Mechatronics Engineering IN THE Renewable Energies Chair of the University of Évora.

University of Évora

Announcement Aviso (extrato) n.º 15468/2025 (2nd series) June 24th

By order dated May 26th, 2025 from the Management Council of the University of Évora, an international documentary competition is open for 30 working days from the date of publication of this notice in the Diário da República. The competition is also advertised on the Public Employment Exchange, EURAXESS Portugal portal, and the University of Évora's (UÉ) website, in both Portuguese and English. The selection contest for the position of assistant researcher for the exercise of scientific research activities in the scientific area of Mechatronics Engineering, under a fixed term public service work contract regime with the duration of three years, possibly renewable for periods of one year up to a maximum duration of six years, pursuant to Decree-Law No. 57/2016, of 29 August and the Regulation for the Evaluation of the Performance of Doctoral Researchers at the University of Évora, published by Order No. 7123/2019 (2nd series), of August 9th, aiming at the development of activities as a Researcher in the field of Renewable energy Communities, energy production, storage and management or a related fields in the scope of the projects PRR Agenda Mobilizadora ATE WP 3.05, LIFE JALON, INTERREGT POCTECP Agerar Plus, H2020 POCITYF of PVEES unit and future projects of PVEES unit and other projects and activities undergoing, in this field, in the Renewable Energies Chair of the University of Évora.

The functional framework of the researcher to be hired includes the regular execution of research and development activities and all other scientific and technical activities within the framework of the projects, as well as:

1. a) participation in the design, development and execution of research and development projects and in connected scientific and technique activities, in the course of the development of CER research unit (Renewable Energy) activities in which it will be framed: PVEES;
2. b) collaboration in the work developed within the scope of the projects in which it is involved.
3. c) the collaboration in the development of training actions under the research and development methodology;
4. d) the tracking of the research work developed by the fellows, the research interns and the research assistants associated with the projects and/or the research unit and participate in their training;
5. e) support in joint joint activities in CER, in design, procurement, commissioning, and trial of experimental infrastructure in the subjects of production, storage and energy management systems in energy communities;
6. f) participation in the institution's training programs, namely under the support in faculty activities provided to the 2nd and 3rd cycles related to the field of RES research.

The selected candidate may have to ensure 4 hours of weekly classes in curricular units that may be distributed to them.

2. Applicable legislation: Decree-Law no. 57/2016 of 29th August, which approves the doctor hiring regime destined to stimulate scientific and technological employment in all areas of knowledge (RJEC). General Public Service Labour Law (LTFP), approved in annex to Law no. 35/2014 of 20 June, under its current wording.

3. Pursuant to article 16 of Decree-Law no. 57/2016 of 29th August, this contest procedure shall be exempt from authorization by the Government members in charge of the areas of Finances and Public Administration, namely that mentioned in nº 3 of article 7 of the LTFP; from obtaining a prior favourable opinion from the Government members in charge of the areas of Finances and Public Administration, mentioned in nr. 5 of article 30 of the LTFP, and the recruitment process for workers in a requalification position, mentioned in article 265 of the LTFP.

4. Pursuant to article 13 of the RJEC, the contest selection panel has the following composition:

President: Rector of University of Évora.

Members:

Afonso Manuel Dias Cavaco, Researcher at the Renewable Energies Chair of the University of Évora;

Luís Miguel Carrasco, Professor of Universidad Politécnica de Madrid;

Matevž Bokalič – Researcher na Universidade de Ljubljana.

4.1. Pursuant to nr. 2 of article 4 of the Regulation of Announcements for the hiring of Doctorate Researchers, the Rector might delegate the role of President of the selection panel.

5. The place of work is located in the University of Évora – in the facilities assigned to the Renewable Energies Chair, in Évora or in the Campus of Herdade da Mitra, as well as in the associated research infrastructure: INIESC – Infraestrutura Nacional de Investigação em Energia Solar de Concentração – Polo de Évora, in the Campus of Herdade da Mitra.

6. The monthly remuneration to be paid is 2351,53€, corresponding to level 33 of the Single Salary Table, approved by Order no 1/2025, January 16th.

7. Any national, foreign and stateless candidates who hold a doctorate degree in

Energy Engineering and a scientific and professional curriculum whose profile is suited with the conditions below and for the activity to be performed can submit their applications:

- Experience in research activities in the field of modeling and optimization of renewable energy systems (particularly photovoltaics).
- Practical experience with artificial neural networks and other machine learning techniques for forecasting energy generation, electricity consumption, and solar radiation prediction.
- Knowledge of modeling and simulation of energy communities and analysis of the impact of different energy-sharing strategies among consumers and storage, using intelligent algorithms.
- Proficiency in programming for modeling and simulation of electrical energy systems using MATLAB and Simulink.
- Familiarity with the concept and implementation of smart grids and microgrids, including the management of energy flows between consumers and renewable energy sources.
- Knowledge of energy storage technologies and their integration with photovoltaic systems and electrical grids, considering optimization strategies for energy use and storage.
- Fluency in English, with strong communication and scientific writing skills.

If the PhD has been awarded by a foreign higher education institution, the candidates are admitted to the procedure, according to paragraph e) of paragraph 2 of article 4 of Decree-Law nr. 60/2018, of 3th August and the registration/recognition of the degree in Portugal to be effected after the end of the tender, under the terms provided for in Decree-Law nr. 66/2018, of 16th August, and is only necessary in the act of contracting.

8. General contest admission requirements are those specified in article 17 of the LTFP and special requirements are those specified in the previous section.

9. Pursuant to article 5 of the RJEC, selection is to be made based on the evaluation of the scientific and curricular career of the candidates.

10. The evaluation of the scientific and curricular career focuses on relevance, quality and up-to-dateness:

a) The most relevant scientific production considered by the candidate in the last five years;

b) The applied research activities carried out in the last five years;

c) The extension and knowledge dissemination activities developed in the last five years, namely in the context of the scientific practices, considered of more relevance by the candidate and linked to the area of the application,

d) The management activities of science, technology and innovation programmes, or the experience in the observation and monitoring of the scientific and technological system or of higher education, in Portugal or abroad,

e) Public hearing for the assessment of competencies, with the objective of obtaining information regarding professional experience and skills considered essential for the performance of the duties outlined in the submitted résumé.

11. The five years period referred in the previous point might be increased by the Jury, at the candidate's request, whenever it is justified by the suspension of activities as a result of socially protected reasons, namely due to parental leave, prolonged disease or other legally defined working disability reasons.

12. According with the description presented in 10, the evaluation criteria are:

Scientific Performance over the past 5 years:

a) From scientific, technological production, with a minimum relative weight of 50 %, so distributed (or at the same proportion):

I. Scientific, artistic, or technological impact and quality of the candidates selected by the candidate — 10 %;

II. Number of publications, of merit, of the past five years — 15 % (if less than 4 should not be given score);

III. Works published as a lead author — 10 %;

IV. Principal Investigator (PI) of national or international projects — 10 %.

V. Participation in national and international projects – 5%

b) From the research activities applied or practice based on the past five years:

I. Patents and his registration — 10 %;

II. Patent Applications — 5 %;

III. Others — 5 %.

c) From the knowledge and dissemination activities of knowledge developed in the past five years, designately in the context of promoting culture and scientific practices, considered most relevant by the candidate:

I. Presentation of oral communications as a principal author in congresses:

01 — Nationals — 5 %;

02 — International — 10 %.

II. 5 % that can be distributed by other activities from which to be pointed out:

01 — Presence in congresses, seminars, workshops or other with poster presentation;

02 — Scientific congress organizing commission member;

03 — Responsible or corresponding for teaching in IES;

04 — Others.

13. The system of final classification is expressed on a scale of 0 to 100.

14. The panel shall deliberate by means of roll call vote justified under the adopted and disclosed selection criteria, with no abstentions allowed.

15. Minutes of panel meetings shall be elaborated and will include a summary of all occurrences, as well as of all votes cast by the members and their respective reasoning, and shall be provided to candidates whenever requested.

16. After concluding the application of the selection criteria, the panel will prepare an ordered list of approved candidates and their respective classification.

17. The panel's final decision will be validated by the head of the institution, who is also in charge of deciding about the contracting.

18. Formalization of candidatures:

18.1 Candidatures are formalized by way of an official request form, available at the e-mail address of the Administrative Services of the University of Évora, <http://www.sadm.uevora.pt>, sent to the President of the Jury, which includes the identification of this announcement (Ref. CER 46726/2024), full name, parents' names, ID card or Citizen Card number and date or civil identification number, taxpayer ID number, date and place of birth, marital status, occupation, residence and contact address, including email address and telephone.

18.2 The application for admission to the contest is accompanied by the following documents:

a) Documents proving the fulfilment of the conditions set out in points 7 and 8 for admission to this contest, namely, certificate of the degrees and titles required and certificate of length of service;

b) PhD Thesis

b) Curriculum Vitae of the candidate, indicating the outputs and works carried out and published, as well as the scientific activities developed. The curriculum vitae must be prepared taking into account the evaluation parameters referred to in points 10 and 11;

c) Copy of papers selected by the candidate as most representative of their curriculum vitae up to a maximum of 5 with an explanation text.

d) Copy of training certificates referred in the CV.

18.3 Candidates should submit their application request and supporting documentation, preferably in digital form, in PDF format, to the email drhsc@uevora.pt, in person at the Universidade de Évora – Divisão de Recursos Humanos (DRH), Serviços Administrativos, Largo da Sr.^a da Natividade, 7000-810 Évora, Portugal, during working hours, or by mail to the same address. When

submitted by mail, applications must be sent by registered mail with acknowledgement of receipt sent until the last day of application deadline, which is hereby set as 30 working days after the publication of this Announcement.

19. All candidates who formalize their applications in an improper way or fail to prove the requirements imposed by this contest are excluded from admission. In case of doubt, the panel is entitled to request any candidate to present further documentation supporting their statements.

20. False statements provided by the candidates will be punished by law.

21. A list of the candidates admitted and excluded as well as the final classification list is publicized on the webpage <http://www.sadm.uevora.pt>, and the candidates are notified by email with receipt of delivery.

22. Preliminary Hearing and Final Decision Deadline: Pursuant to article 121 of the Administrative Procedure Code, after notification, all candidates have 10 working days to respond. The panel's final decisions are pronounced within a period of 90 days, counted from the deadline for presentation of applications.

23. This contest is exclusively destined to fill this specific vacancy and can be terminated at any time until approval of the final candidate list, expiring with the respective occupation of the vacancy.

24. Non-discrimination and equal access policy: The University of Évora actively promotes a non-discrimination and equal access policy, wherefore no candidate can be privileged, benefited, impaired or deprived of any rights whatsoever, or be exempt of any duties based on their ancestry, age, sex, sexual preference, marital status, family and economic conditions, instruction, origin or social conditions, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, origin territory, language, religion, political or ideological convictions and union membership.

25. Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and this preference supersedes any other legal preference. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means.

June 24th 2025 - Ana Cristina Centeno. Administrator of the University of Évora.

Where to apply

E-mail

drhsc@uevora.pt

Requirements

Research Field

Other

Education Level

PhD or equivalent

Internal Application form(s) needed

Minuta requerimento concursos internacionais (1)_3.pdf

English (34.36 KB - PDF)

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Additional Information

Work Location(s)

Number of offers available	1
Company/Institute	Universidade de Évora
Country	Portugal
State/Province	Alentejo
City	Évora
Postal Code	7000-810
Street	Largo dos Colegais, nº 2

Contact

State/Province	Alentejo
City	Évora
Website	http://www.sadm.uevora.pt/
Street	Largo dos Colegais, nº. 2
Postal Code	7000-803
E-Mail	drhsc@scc.uevora.pt
Phone	266760969

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