

NOTICE OF OPENING OF AN INTERNATIONAL SELECTION PROCEDURE FOR THE RECRUITMENT OF AN ASSISTANT RESEARCHER UNDER DECREE-LAW No. 57/2016, OF AUGUST 29, AMENDED BY LAW N.º 57/2017, OF JULY 19th

1. By order of october 14th, 2024 of the Vice-President of Polytechnic of Leiria, Professor José Frade, it was authorized to open, for a period of 15 days, from the date of publication of this notice in the Diário da República, an international public tender for an junior doctoral researcher for the pursuit of research and development activities in the area of Mechanical Engineering, a view to the development of research activities in the field of UIDP/04044/2020 project.

2. Applicable Legislation:

- Decree-Law no. 57/2016 of 29th of August, which approved the hiring of doctorates to stimulate scientific and technological employment for all areas of knowledge hereinafter referred to as RJEC, amended by the Law 57/2017, dated 19th of July, and regulated by Regulatory Decree nr 11-A/2017, dated 29th December;
- Lei Geral do Trabalho em Funções Públicas, hereinafter referred to as LTFP (Public Employment Act), approved by Law n.º 35/2014, , in its current version, and Ordinance no. 233/2022, September 9,
- Labour Code approved by Law no. 7/2009 of 12<sup>th</sup> of February, under its current version.

3. In the wording of the article 16 of RJEC, this procedure is exempted from the authorization of the members of the Government responsible for the areas of Finance and Public Administration, namely in paragraph no.3 of article 7 of the LTFP; from the prior favourable opinion of the members of the Government responsible for the areas of Finance and Public Administration as mentioned in no. 5 of the article 30 of the LTFP and from the procedure for the recruitment of workers in the requalification situation referred to in Article 265 of the LTFP.

4. In accordance with article 13 of the RJEC and according to the appointment, the jury is composed as follows:

President: Pedro António Amado de Assunção, Vice-Presidente do Instituto Politécnico de Leiria.

1<sup>st</sup> member: Rui Miguel Barreiros Ruben, Professor Coordenador do Instituto Politécnico de Leiria;

2<sup>nd</sup> member: José Firmino Aguilar Madeira, Professor Coordenador com agregação do ISEL – Instituto Politécnico de Lisboa.

Substitute Member: Marta Cardoso Oliveira, Profª. Associado com agregação – Universidade de Coimbra.

Substitute Member: Nuno Manuel Fernandes Alves, Prof. Coordenador do Instituto Politécnico de Leiria.

Substitute Member: João Orlando Marques Gameiro Folgado, Prof. Associado no IST – Universidade de Lisboa.

The chairman of the jury will be replaced in his absence or impediment by the first member.

5. The place of work is located in the CDRSP premises, located in Marinha Grande, or in other places connected to the Polytechnic of Leiria, or others, according to the requirements and needs of the research project.

6. The monthly remuneration to be attributed is that of the position corresponding to level 33 of the single remuneration table, according to Decree-Law no. 26-B/2023.

7. The applicants may be national, foreign and stateless, with a doctorate degree Mechanical Engineering or related areas and holders of a scientific and professional curriculum vitae that reveals an adequate profile for the activity to be developed. If the doctorate degree was awarded by a foreign higher education institution it must comply with the provisions of Decree-Law no. 66/2018, August 16.

8. The general requirements for admission to the competition are those defined in article 17 of the LTFP and the special/specific requirements are those defined in the previous point.

9. According to article 5 of RJEC, selection is to be made based on the candidate's scientific and curricular evaluation.

10. Scientific and curricular career evaluation is based on relevance, quality and up-to-dateness:

a) The scientific and technological production of the last five years considered most relevant by the candidate;

b) Applied or practice-based research activities developed in the last five years and considered to have the greatest impact by the candidate;

c) Outreach and knowledge dissemination activities developed in the last five years, namely in the context of promoting culture and scientific practices, considered to be of greatest relevance by the candidate;

d) Activities in the management of science, technology and innovation programmes, or experience in observing and monitoring the scientific and technological system or higher education, in Portugal or abroad.

11. The five-year period mentioned above may be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is justified on socially protected grounds like paternity leave, long-term serious illness, and other legal situations of unavailability to work.

12. The evaluation criteria are the following:

C1) Integrated assessment of scientific production over the last five years (in the scientific areas relevant to the competition or related areas) taking into account books, book chapters (with ISBN published by national/international publishers), articles in scientific journals and international conference proceedings of which the candidates were authors or co-authors, considering their nature, quartile and impact factor, and the importance of five works that should be selected by the candidates as the most representative, namely in terms of their

contribution to the development and evolution of the scientific area for which the competition is open;

C2) Assessment of applied or practice-based research activities, taking into account i) coordination and/or participation in scientific projects by candidates, with external funding and/or subject to competitive tendering, considering the technological level and importance of the contributions, innovation and diversity; ii) creation and reinforcement of laboratory resources, taking into account the participation and/or coordination of initiatives by candidates that have resulted in the creation or reinforcement of laboratory infrastructures of an experimental and/or computational nature to support research; iii) responsibility for laboratories in the area for which the competition is open, or related areas; iv) stimulation of scientific activity, taking into account the capacity for coordination and leadership of research teams demonstrated by candidates.

C3) Evaluation of outreach activities and dissemination of knowledge in the last five years, namely the impact and national and international recognition of scientific production, taking into account i) awards, editorial activities in scientific journals, participation in editorial boards of scientific journals, peer-reviewer in international scientific journals indexed Scopus/Web of Science, and participation in the organisation of scientific events; ii) participation in monitoring and guidance activities (students, interns and research fellows) and participation in training programmes and/or training actions; iii) participation in bachelor's, master's or doctoral juries; iv) participation in hiring juries for research fellows; v) participation in and/or provision of specialised services; vi) intellectual property, namely authorship and co-authorship of patents, models, trademarks or industrial designs; and vii) active participation in research, promotion, preparation, organisation and support in preparing applications for competitive funding.

C4) Evaluation of activities in the management of science, technology and innovation programmes, or of experience in observing and monitoring the scientific and technological system in Portugal or abroad.

The weight of each of the sub-criteria defined above will be as follows: C1) - 50%; C2) - 30%; C3) – 15%; C4) – 5%, with candidates being ranked by the assessment of their scientific and curricular background (APCC) quantified by the following expression:

$$APCC = C1 \times 0,50 + C2 \times 0,30 + C3 \times 0,15 + C4 \times 0,05$$

13. The three best candidates on the resulting list will be invited to a public interview, which will take place in English or Portuguese and may be held by videoconference.

After this stage of the selection process, the three best candidates will be ranked by their final classification, resulting from the application of the following formula:  $CF = APCC \times 0.9 + ENT \times 0.10$ , where ENT is the mark obtained in the interview.

14. The final classification of the candidates is expressed in a scale of 0 to 20 values or 0 to 100 points, considering the valuation up to the hundredths.

15. The jury shall deliberate by means of a nominal vote based on the selection criteria adopted and published; abstentions are not allowed.

16. Minutes of the jury's meetings, containing a summary of what has taken place in the meetings, as well as the votes cast by each of the members and their reasons, will be available to candidates whenever requested.

17. After completing the application of the selection criteria, the jury will draw up an ordered list of successful candidates with their classification.

18. The final decision of the jury is approved by the President of the institution, which also decides on the hiring.

19. Formalisation of applications:

19.1. Applications must be formalized using the formal request provided in the website of the Polytechnic of Leiria [https://www.ipleiria.pt/politecnico/servico\\_gestao\\_pessoas/concursos-e-contratos/emprego-cientifico/](https://www.ipleiria.pt/politecnico/servico_gestao_pessoas/concursos-e-contratos/emprego-cientifico/) addressed to the President, and the application must include:

- The reference of this notice;
- Full name, number and date of the identity card, tax identification number (if existing), date of birth, profession, residence and contact address, including e-mail and telephone contact.

19.2 The application must be accompanied by the documents proving the conditions laid down in paragraphs 7 and 8 for admission to this call, namely:

- a) Copy of the doctoral certificate or diploma;
- b) Copy of the PhD Thesis;
- c) Detailed Curriculum Vitae;
- d) Other documents deemed relevant by the candidate for the evaluation of the qualification in related scientific area;
- e) Other documents considered by the candidate as relevant.

19.3. The candidates must formalize their application, by digital format, the latter exclusively in portable document format (pdf), of the documents listed below, by email to [ipleiria@ipleiria.pt](mailto:ipleiria@ipleiria.pt)

20. Candidates who formalize their application incorrectly or do not prove the general requirements specified in this notice will be excluded from the tender. In case of doubt, the jury has the power to require any candidate to present documents proving their statements.

21. False statements by candidates will be punished in accordance with the law.

22. Notification of candidates:

22.1 In accordance with the provisions of Article 16 of the Ordinance, unsuccessful candidates will be notified by e-mail, with receipt of delivery of the notification, for the hearing of interested parties, under the terms of the Code of Administrative Procedure.

22.2 After the selection methods have been applied, the draft unitary list of the final ranking of candidates will be notified to them in accordance with point 22. of this notice, for the purposes

of holding a hearing of interested parties, under the terms of the Code of Administrative Procedure and the Ordinance regulating tendering procedures.

23. Following the application of the selection methods, the draft final list of final candidates is notified to them in accordance with point 22 of this notice, for purpose of holding a hearing of interested parties, in accordance with the Code of Administrative Procedure.

23. Publication of the unitary final ranking list of candidates: the unitary list of final candidates after homologation, will be published in the 2<sup>nd</sup> series of the Diário da República, affixed in the Polytechnic of Leiria Central Services and made available on its website [www.ipleiria.pt](http://www.ipleiria.pt).

24. Non-discrimination and equal access policy: Polytechnic of Leiria actively promotes a policy of non-discrimination and equal access, so that no candidate is privileged, benefited, disadvantaged or deprived of any right or exemption from any duty owing in particular to ancestry, age, sex, sexual orientation, marital status, family status, economic situation, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological beliefs and trade union membership.

25. Under the terms of Decree Law no. 29/2001, of February 3, disabled candidates have preference in equal classification, which prevails over any other legal preference. Candidates must declare their degree and type of disability and the means of communication / expression to be used in the selection process, under the terms of the aforementioned diploma.

26. Publication of the notice: under the terms of no. 2 of article 11 of the RJEC, this notice will be advertised on the Public Employment Exchange website [www.bep.gov.pt](http://www.bep.gov.pt), on the website <https://euraxess.ec.europa.eu/>, and on Polytechnic of Leiria website.

(in the use of the power of recall, as provided for in no. 10 of order no. 12584/2022, of 27 October 2022)

11/12/2024. The President, Carlos Manuel da Silva Rabadão