

English version

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Post Research Opportunities

Unique identifier:

English

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1. Descrição do cargo/posição/bolsa 1. Job description

Job:
INVESTIGATOR

Job/Fellowship Reference: invest_ICT_04

Main research field: Physics

Sub research field:

Job summary:

International selection tender for one vacancy of investigator for the exercise of scientific research activities in the scientific areas of Physics or Physical Engineering or Electrical Engineering or related areas in a fixed-term public service work contract regime with the duration of three years, for the performance of researcher functions in the areas referred in this point. The applicant will integrate a research team comprised of geophysicists/seismologists, physicists and engineers that is involved in the development of the largest high-density seismic sensor network ever deployed in Portugal, in the Évora region, with the purpose of improving the characterisation of the seismic activity in the region, through the development of high-resolution mapping of clusters and faults and geohazard assessments that leverage on the application of big data analysis and pattern-matching techniques in the scope of the SSN-Alentejo project: Network of High Density Seismic Sensors in Alentejo, ref. ALT20-03-0145-FEDER-031260.

Job description:

ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER PROCEDURE FOR INVESTIGATOR HIRING PURSUANT DECREE-LAW NO. 57/2016 OF 29 AUGUST

Aviso nº 7868/2019 (2ª série), de 7 de maio

1. By decision of the Professor Ana Maria Costa Freitas, Rector of the University of Évora, in March 13th 2019, it was deliberated to is open an international selection tender for one vacancy of investigator for the exercise of scientific research activities in the scientific areas of Physics or Physical Engineering or Electrical Engineering or related areas in a fixed-term public service work contract regime with the duration of three years, for the performance of researcher functions in the areas referred in this point. The applicant will integrate a research team comprised of geophysicists/seismologists, physicists and engineers that is involved in the development of the largest high-density seismic sensor network ever deployed in Portugal, in the Évora region, with the purpose of improving the characterisation of the seismic activity in the region, through the development of high-resolution mapping of clusters and faults and geohazard assessments that leverage on the application of big data analysis and pattern-matching techniques in the scope of the SSN-Alentejo project: Network of High Density Seismic Sensors in Alentejo, ref. ALT20-03-0145-FEDER-031260.

The applicant may be in charge of teaching hours up to a maximum of 4 hours a week, in the units that will be distributed

2. Applicable Legislation: Decree-Law no. 57/2016, 29th August, amended by Law No. 57/2017 of 19th July, which approved the doctorate hiring regime aimed at stimulating scientific and technological employment for all knowledge areas (RJEC).

General Public Service Labour Law (LTFP), approved in annex to Law no. 35/2014 of 20th June, under its current wording.

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

4. Pursuant to article no. 13 of RJEC, the tender selection panel shall be formed by:

President:

Dr. Mourad Bezzeghoud, Associate Professor c/agr. of the School of Sciences and Technology of the University of Évora and PI of project ALT20-03-0145-FEDER-031260;

Members:

Dr. Bento Caldeira, Assistant Professor of the School of Sciences and Technology of the University of Évora; and Co-PI of project ALT20-03-0145-FEDER-031260;

Dr. Maria Manuela De Sousa Mendes, Assistant Professor of the Advanced Technical Institute (Instituto Superior Técnico) of the University of Lisbon;

Dr. João Paulo Gameira de Carvalho, Investigator of the National Laboratory of Energy and Geology, Lisbon.

5. Workplace shall be at the University of Évora - in the Instituto de Ciências da Terra (ICT, IIFA) and Department of Physics (ECT) of the University of Évora located in the Colégio Luís António Verney, Évora

6. Monthly remuneration to be paid is the remuneration corresponding to level 33 of the Single Salary Table, approved by Order no. 1553-C/2008 of December 31st, i.e. 2128,34 Euros.

7. Can apply to the tender any national, foreign and stateless candidate(s) who hold a doctorate degree in Physics or Physical Engineering or Electrical Engineering or Geophysics or related areas and have a scientific and professional curriculum indicating a suitable profile to the activities to be carried out and indicated in the point 1, preferably with:

- Experience as post-doctoral researcher;
- Knowledge in data acquisition, processing and analysis
- Knowledge in big data analysis techniques based on data generated by sensor networks;
- Good knowledge of English (spoken and written).

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 nº 60/2018, of 3th August. The registration/recognition of the degree in Portugal is effected after the end of the tender, under the terms defined in Decree-Law nº 66/2018, of 16th August; that registration/recognition is a necessary step for contracting.

8. General tender admission requirements are those set by article 17 of LTFP and special requirements set by the previous section.

9. Pursuant to article 3 of RJEC, selection is to be made based on candidate scientific and curricular career evaluation.

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

- a) of scientific, technological and/or technical production deemed most relevant by the candidate;
- b) of research activities, applied or based on practical work deemed most impactful by the candidate;
- c) of knowledge extension and dissemination activities developed, namely under the scope of the promotion of technical and scientific practices, deemed most relevant by the candidate;
- d) of the activities of management of science, technology and innovation programmes, or the experience in observing and monitoring the scientific and technological, or higher education, system in Portugal or abroad.

11. The evaluation criteria are:

- a) Scientific performance,
- b) Research activities developed,
- c) Activities of extension and dissemination of knowledge developed,
- d) Other relevant activities,
- e) Interview of the candidates admitted, by determination of the jury.

In the application of the mentioned criteria, the following parameters and weighting factors shall be evaluated:

Criterion a) with a weighting factor of 50%, which comprises

- a1) Publications in scientific journals,
- a2) Book chapters with ISBN.

Criterion b) with a weighting factor of 20%, which comprises

- b1) Research Experience,
- b2) Postgraduate Experience.

Criterion c) with a weighting factor of 10%, which comprises

- c1) Knowledge and Technology Transfer Experience
- c2) Organization of conferences,
- c3) Experience in student supervision and participation as thesis examiner.

Criterion d) with 10% weighting factor.

Criterion e) Public presentation with weighting factor of 10%.

In all cases it will be given relevance to indicators and activities that fit in the areas referred to in point 1.

- 12.** The final classification system for the candidates shall be based on a scale of 0 to 100.
- 13.** The panel shall deliberate by means of roll-call vote justified under adopted and disclosed selection criteria, with no abstentions allowed.
- 14.** Minutes of panel meetings shall be executed and shall include a summary of all occurrences of said meeting, as well as of all votes cast by the members and respective reasoning, and shall be provided to candidates whenever required.
- 15.** After selection criteria application, the panel shall prepare a sorted list of approved candidates and respective classification.
- 16.** Panel's final decision shall be validated by the leader of the institution, who is also in charge of deciding about the hiring.
- 17.** Application formalization:

19.1. Applications are formalised upon application file, made available on the electronic page of Administrative Services of the University <http://sadm.uevora.pt>, sent to the President of the Jury, including announcement identification (REF^a ICT-04), 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.

19.2. Applications shall include all supported documents encompassed by section 7 and 8 for tender admission, namely:

- a) Certificate or diploma copy;
- b) Doctorate thesis;
- c) Curriculum vitae, detailed and structured pursuant to sections 10 and 12;
- d) Other documentation the candidate may find relevant.

19.3. Candidates shall submit their application files and supporting documentation, preferably in a digital form, in PDF format, via email to drhsc@uevora.pt, or in person at the Universidade de Évora – Divisão de Recursos Humanos (DRH), Serviços Administrativos, Largo da Sr.^a da Natividade, Apartado 94, 7002-554 Évora, Portugal, during working hours, or by mail to the 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 the period of 30 working days after the publication of this Announcement.

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

19. False statements provided by the candidates shall be punished by law.

20. Both admitted and excluded candidate list and final classification list will be affixed at the website of <http://www.sadm.uevora.pt> and all candidates shall be notified by email with delivery receipt.

21. Preliminary Hearing and Final Decision Deadline: Pursuant to article 121 of the Administrative Procedure Code, after notified, all candidates have 10 working days to respond. Panel's final decisions are pronounced within a period of 90 days, from application deadline.

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

23. 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.

24. Pursuant to Decree-Law no. 29/2001 of 3 February, disabled candidates shall be preferred in a situation of equal classification, and said preference supersedes any legal preferences. Candidates must declare, on their honour, their respective disability degree, type of disability and communication/expression means to be used during selection period on their application form, under the regulations above.

April 12th 2019 – The Administrator of the University of Évora, *Maria Cesaltina Frade*

Vacant posts: 1

Type of contract: Information not available

Job country: Portugal

Job city: Évora

Job company/institute: Universidade de Évora

Application deadline: 19 Junho 2019
(The Application's deadline must be confirmed on the Job Description)

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2. Dados de contactos da organização

2. Organization contact data

Organization/institute: Universidade de Évora - UE

Address:

Largo dos Colegiais 2
Évora - 7004-516 Évora
Portugal

Email: drhsc@uevora.pt

Website: <http://www.uevora.pt/>

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3. Habilitações académicas

3. Required education Level

Empty

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4. Línguas exigidas

4. Required languages

Empty

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5. Experiência exigida em investigação

5. Required research experience

Empty

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