

Public notice Ref.^a CDL-CTTRI-136-ARH/2019 — Doctor Paulo Jorge dos Santos Gonçalves Ferreira, Full Professor and Rector of the University of Aveiro, hereby announces that for a period of twenty business days, starting on the first business day immediately after the publication of the present notice, an international public notice is opened for recruitment in the form of a Uncertain Term Work Contract, under the Portuguese Labour Code, a position for a First Level Doctorate for the exercise of activities of scientific research in the scientific area of Marine Sciences at the Centre for Environmental and Marine Studies (CESAM), and Department of Physics of the University of Aveiro to carry out scientific research and dissemination functions, namely: Numerical modelling of ocean circulation at the scale of Atlantic region of Iberian Peninsula, based on the ROMS-AGRIF/CROCO system; development and application of an IBM (individual based model) module applied to the dispersal and connectivity and recruitment of stalked barnacles (*Pollicipes Pollicipes*) larvae; development of diagnostic analysis, in order to calculate connectivity matrices to be used by bio-economic models, in the framework of the project: “PERCEBES: Tools for the transition to spatial management of coastal resources: the stalked barnacle fishery in SW Europe”, BIODIVERSA/0005/2015, supported by the Foundation for Science and Technology, in its national State Budget component (OE).

The present public notice was opened on 10 of June of 2019 by order of the Rector of the University of Aveiro, following the proposal of the Scientific Council.

The contest is governed by the provisions of Decree-Law 57/2016, August 29, that approves the rules for post-doctoral work contracts, designed to stimulate employment in science and technology in all areas of knowledge (RJEC) within the legal provisions of the Labour Code, Law on 7/2009, February 12, in its current wording and other applicable legislation and regulations.

The monthly payment corresponds to 2952, 21€.

1 — Admission requirements:

Any national, foreign and stateless candidate(s) who hold a doctorate degree in Geophysical Sciences, and a scientific and professional *curriculum* whose profile is suited for the activity to be performed, can submit their applications.

2 — Formalisation of the applications:

The applications are addressed to the Rector of the University of Aveiro as follows:

2.1 — The application should include, among others, the following elements:

- a) Call identification;
- b) Applicant's identification: full name, birth date, nationality, mailing address and email;
- c) Identification of the institution where the applicant is presently working and his/her position there, when applicable;
- d) Identification of degrees held by the applicant;
- e) Statement by the applicant declaring that the elements or facts contained in the application are correct and accurate.

2.2 — The application should include the following documents:

- a) Copy of detailed and structured *curriculum vitae* according to items in point 5;
- b) Any other documents that the applicant considers relevant, namely for the assessment of the information referred to in no. 2 of article 5 of the RJEC.

2.3 — The *curriculum vitae* should contain:

- a) Full identification;
- b) Contacts: address, telephone number and email;
- c) Copy of the certificate with the respective mark or grade or other document that is legally recognised for the same purpose;
- d) All pertinent information for assessing the application considering the selection and ranking criteria of the present call, organized according to the sub-items of the assessment set forth in Section 5 below.

2.4 — Submission of the application:

2.4.1 — The application may be submitted in Portuguese or in English, by email, to the Human Resources Department of the University of Aveiro (concursosDL57-2016@ua.pt) until the deadline stipulated in this Notice.

2.4.2 — The applicants are required to present a “message sent” confirmation as proof of the application submission.

2.4.3 — Instructions for the submission of applications, in digital format, are available in the area of Competition and Job Offers of Human Resources area at <https://www.ua.pt/sgrhf/PageText.aspx?id=15052>.

2.5 — Failure to comply with the deadline for submission of the application, as well as the incorrect formalization of the application, result in the exclusion of the application. The exclusion decision is communicated to candidates by e-mail for the purpose of their hearing.

3 — Call Jury:

3.1 — In accordance with article 13 of the RJEC the call jury has the following composition:

President: Professor Henrique José de Barros Brito Queiroga, Associate Professor with Habilitation of the Universidade de Aveiro.

Jury members:

Professor Paulo Manuel Cruz Alves da Silva, Assistant Professor of the University of Aveiro;

Professor José Manuel Henriques Castanheira, Assistant Professor of the University of Aveiro;

Substitute member:

Valdemar Inocência Esteves, Assistant Professor of the University of Aveiro;

4 — Jury operation rules

4.1 — The deliberations are held by roll call voting requiring the absolute majority of votes of the members of the jury present at the meeting, not permitting abstentions.

4.2 — The jury deliberates approval on absolute merit, based on the merit of the overall curriculum of candidates with regards to the scientific area of the Competition and also taking into account, cumulatively, compliance with at least one of the following requisites:

4.2.1 — The applicant has at least ten years of experience about physical oceanography and lagrangian techniques in the ocean, as evidenced by participation in projects or publications;

or

4.2.2 — The applicant is the author or co-author of at least 25 articles, in the scientific area that the Competition is open, indexed in the ISI Science Citation Index Expanded of the Web of Science where document type = article or document type = review, or in the SCI Verse Scopus with the same characteristics;

or

4.2.3 — Have obtained a total of at least 300 citations, indexed in the ISI Science Citation Index Expanded of the Web of Science where document type = article or document type = review, or in the SCI Verse Scopus with the same characteristics;

4.3 — The exclusion decision in absolute merit is communicated to candidates by e-mail for the purpose of their hearing.

4.4 — After the phase of approval in absolute merit, the jury will begin the process of appraisal of applications, taking into account the criteria set out in this notice.

5 — Evaluation and selection:

5.1 — The selection method is curricular evaluation.

5.2 — The evaluation of the scientific and curricular course focuses on the relevance, quality and timeliness:

- a) Of scientific, technological, cultural or artistic production in the last five years, deemed most relevant by the candidate;
- b) Of applied research activities, or based on practical work, developed in the last five years, deemed most impactful by the candidate;
- c) Of knowledge extension and dissemination activities developed in the last five years, namely under the scope of the promotion of culture and scientific practices, deemed most relevant by the candidate.

5.3— The five-year period mentioned above can be extended by the panel, if requested by the candidate, whenever the suspension of scientific activities is reasoned by socially protected grounds like parental leave, long-term serious illness, and other legal situations of unavailability to work.

6 — Curricular Evaluation. This component of the evaluation is expressed on a numerical scale from 0 to 20 taking into account the following criteria:

6.1 — Curricular evaluation criteria are:

6.1.1 - Criteria for the evaluation of the Scientific Performance of the last five years considered more relevant by the candidate (10 points);

Scientific Production. Quality and quantity of scientific production in the area that the Competition is open (books, articles in scientific journals, papers presented in conferences) expressed by the number and type of publications, and the recognition given by the scientific community (the quality of the venue where it has been published and the references made by other authors);

Coordination and participation in scientific projects. The quality and quantity of scientific projects in which the applicant has participated within the subject area of the Competition, whether financed through public funds of national or international agencies or by enterprises.

Intervention in scientific community. Assessing the capacity to intervene in scientific community, particularly by participation in the assessment of projects and articles, being invited to give speeches, being member of academic juris, as well as being recognized through awards or other distinctions and respective impact. It will also evaluate the orientation of students in graduation, MSc and doctoral work.

6.1.2 - Criteria for evaluating extension and knowledge dissemination activities developed over the past five years, in particular in the context of promoting culture and scientific practices, considered to be of greatest impact by the candidate (2 points);

Participation in initiatives to disseminate scientific and technological knowledge under the auspices of the scientific community (for example organization of congresses and conferences) and to various audiences. Publications to disseminate science and technology. Presentation of lectures and seminars for the general public.

6.1.3 – Have proven experience in oceanographic numerical modelling and data analysis (4 points).

6.1.4 – Have proven experience in lagrangian numerical modelling of IBM (Individual Based Model), and in marine larval dispersal and connectivity (4 points).

6.2 — The score obtained in the curricular evaluation method is expressed in numeric scale of 0 to 20, considering the valuation up to two decimal places.

6.3 — The jury deliberates by vote justified according to the criteria of evaluation, no abstentions are allowed.

6.4 — The classification of each candidate is obtained by averaging the scores of each of the elements of the jury.

In case of a tie, the decision of the tie-breaker shall be the responsibility of the chairman of the jury.

6.5 — Candidates who obtained a rating of less than 10 points are excluded from the public notice.

7 — Participation of the parties and decision:

7.1 — The final ordering project is communicated to candidates by e-mail for the purpose of their hearing.

7.2 — At the hearing of the interested parties, the jury appreciates the allegations offered and approves the final ordering list of candidates.

8 — Publication of Competition Notice

In addition to being published in Series 2 of the Diário da República the present notice is also published in:

- a) The Public Employment Pool (BEP);
- b) The website of the Foundation for Science and Technology, I.P., in Portuguese and English;
- c) The website of the University of Aveiro, in Portuguese and English;
- d) In a national newspaper.

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

10 — In compliance with paragraph h) of Article 9 of the Constitution of the Portuguese Republic, the Government, as the employing entity, actively promotes a policy of equal opportunities between men and women in access to employment and professional advancement, scrupulously taking measures to avoid any form of discrimination.

10 of June of 2019 — The Rector, *Professor Doutor Paulo Jorge dos Santos Gonçalves Ferreira*.