

**CD-CTTI-03-ARH/2020-** Doctor Paulo Jorge dos Santos Gonçalves Ferreira, Full Professor and Rector at the University of Aveiro, hereby announces that for a period of **thirty** business days starting on the first business day following after which this notice is published in the “newspaper Público”, an international public competition is opened, for the recruitment of 2 (two) positions as Assistant Professor in the subject area of Communication Sciences and Technologies, sub-area Communication Technologies, under an employment contract for an indefinite period under the Portuguese Labour Code and the regulation on the careers of teaching staff in private law at the University of Aveiro and related hiring (regulation 384/2014, of 26 August).

1 – Admission requirements:

1.1 — Applicants to the Competition must be holders of a PhD degree in the area or area related to it for which the competition is open.

1.2 — Applicants with qualifications obtained abroad must provide proof of recognition, equivalence or registration of a PhD degree, under the applicable law. This formality must be fulfilled by the date of expiry of the application deadline.

2 — Formalizing the applications:

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

- a) Application for competition addressed to the Rector of the University of Aveiro;
- b) Detailed curriculum vitae containing all of the pertinent information for the assessment of the applicant considering the items of evaluation of point 4 of the present notice, recommending that it be organized according to the assessment criteria detailed in point 5;
- c) Copies of papers selected by the applicant as being most representative of their curriculum vitae, no more than five, including the justification of the selection;
- d) Copy of the portfolio of the work carried out in the context of production for multimedia design;
- e) Report on the performance in scientific, educational and other activities considered relevant to the mission of the higher education institutions, focusing in particular on the papers that he has selected as being more representative.
- f) Scientific-pedagogical project: Document which makes it possible to sustain a future charter of mission that must include a proposal of activities that the candidate intends to develop during the first five years of activity as an Assistant Professor, explaining how the candidate can contribute to the progress and development of the subject area and to its open competition in the scientific and pedagogical aspects of cooperation with the society;

g) Document that objectively highlights the number of citations of publications listed in the curriculum and explanation of the method used to count the citations with enough detail so that the jury is able to reproduce the procedure in accordance with section 5;

h) Any other elements that the applicant deems relevant.

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

a) Competition identification;

b) Applicant's identification: full name, birth date, nationality, mailing address and email;

c) Identification of the position and institution where the applicant is presently working, when applicable;

d) Identification of degrees held by the applicant;

e) Statement that the applicant declares the elements or facts contained in the application to be true.

2.3 — The *curriculum vitae* should contain:

a) Full identification;

b) Contacts: address, telephone number and email;

c) Position, group or subject, service time as staff member and the name of the University or Polytechnic Institution to which the applicant belongs, whenever applicable;

d) Specialization pertaining to the area in which the Competition was opened;

e) Copy of the certificate with the respective classification or other document that is legally recognized for the same effect;

f) Documents proving all of the elements mentioned in subsections c), d) and e) of point 2.3.

2.4 — The applicants from the University of Aveiro are not required to present proof of their individual process.

2.5 — How to present application:

2.5.1 — The application may be presented in Portuguese or in English and handed in via email to the Human Resource Department of the University of Aveiro ([sgrhf-concursos@ua.pt](mailto:sgrhf-concursos@ua.pt)) by the deadline stipulated in this Notice.

2.5.2 — In submitting the application electronically, applicants are required to present a “message sent” confirmation.

2.5.3 — Instructions for the submission of applications, in digital format, are available in the area of Recruitment and Job area Human Resources at <https://www.ua.pt/sgrhf/PageText.aspx?id=15031>.

2.6 — The failure to comply with the deadline set, as well as the failure or the late entry of documents referred to in subsections a) to f) of No. 2.1, will result in the exclusion of the application.

2.7 — The jury may, whenever they see fit, request that the applicants hand in additional documents with regards to the *curriculum vitae* and set a deadline for the effect.

2.8 — The jury will hold public hearings of the admitted candidates.

2.8.1 — The jury will hold public hearings of all candidates approved in absolute merit and are intended, exclusively, to better clarify what appears in the application under paragraph b) of n.º 4 of article 50.º of the ECDU. The public hearings will be held before the meeting of the jury aiming at the ordering of candidates admitted on absolute merit, with all candidates being informed, at least five days in advance, of the date and place of these public hearings.

2.8.2 — The public hearings referred to in the previous point may be held by teleconference.

3 – Competition Jury:

3.1 — The Competition jury consists of the following:

President: Doctor Paulo Jorge dos Santos Gonçalves Ferreira, Rector of the University of Aveiro.

Jury members:

Doctor Ana Amélia Costa da Conceição Amorim Soares de Carvalho, Full Professor at the Faculty of Psychology and Educational Sciences of the University of Coimbra;

Doctor Fernando Manuel dos Santos Ramos, Full Professor at the University of Aveiro;

Doctor Óscar Emanuel Chaves Mealha, Associate Professor with Habilitation at the University of Aveiro;

Doctor Luís Alfredo Martins Amaral, Associate Professor at the School of Engineering of the University of Minho;

Doctor Maria Isabel Alves Rodrigues Pereira, Coordinator Professor at the Polytechnic Institute of Leiria.

3.2 — 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 — Admission and exclusion of applications:

4.1 - Approval on absolute merit:

The admission of candidates is subject to your approval on merit, based on the merits of the overall curriculum candidates in the disciplinary area of competition, taking into account, cumulatively, and compliance with at least one of the following requirements:

4.1.1 - The applicant is the author or co-author of at least 10 articles (articles, book chapters or articles published in conferences) correlated with subject area that the competition is open, indexed in the Science Citation Index Expanded of the ISI Web of Science or SCI Verse of the SCOPUS or leading publishers in the field, with peer review, such as Springer, MIT Press, Cambridge University Press; Routledge Publisher; Oxford University Press; or

4.1.2 — Have obtained a total of at least 20 citations (excluding self-citations) to the scientific works produced in the disciplinary area for which the contest is open;

or

4.1.3 - Have a relevant teaching portfolio, presented in a systematized manner, related to the disciplinary area for which the competition is open, which includes the following items and sub-items: a) teaching experience (different study cycles, number of hours taught, different formats such as seminars, Project-Based Learning or undergraduate project supervision); different assessment methods; international teaching experience; (b) management activities and authoring of teaching materials (course directions; production of books, laboratory materials, tutorials); (c) planning, management and development of new courses or modules of courses; (d) graduate student supervision (experience as a principal supervisor; supervision completed; supervision in progress);

or

4.1.4 - Have a portfolio of relevant projects in the field of design for multimedia associated with the disciplinary area for which the competition is open, in the following areas: (a) visual identity; (b) brand and trademark registration; (c) editorial multimedia; (d) digital products.

4.2 — Candidates must prove that they meet the above requirements (4.1.1 to 4.1.4), indicating the key to be used in the search for Web of Science from Clarivate Analytics or SCI Verse of Scopus that proves it, or including in their CV listing of the same database that confirms it; for sections 4.1.3 and 4.1.4 by presenting the appropriate portfolio.

4.3— Methods and items for assessment:

4.3.1 — The method of selection is the assessment of the curriculum which aims to assess the applicant's scientific performance, pedagogic skills and performance in other activities relevant to the mission of higher education institutions.

4.3.2 — In the assessment of the curriculum the following items are mandatorily considered and pondered in accordance with the requirements of the functions corresponding to the position to be filled with the present Competition:

- a) The scientific performance of the applicant in the subject area that the Competition is open;
- b) The pedagogic capacity of the applicant in the subject area that the Competition is open;
- c) Other relevant activities;
- d) Scientific-pedagogical project.

4.3.3 — In assessing the items referred to in 4.3.2 (a), (b) and (c), the extent of the curriculum of the candidates should be taken into account and the activity developed in the last five 5 (five) years and will represent 80% of the assessment in each of these areas.

## 5 — Assessment criteria

In applying the items of assessment mentioned in the previous point the following criteria are assessed, to which the indicated weighting factors are attributed.

### 5.1 — Criteria for assessing Scientific Performance

5.1.1 — Scientific production. Quality and quantity of the scientific production in the area that the competition is open (books, book chapters, papers in journals and conference communications), expressed by the number and type of publications, and by the recognition given to it by the scientific community (translated into the quality of Publication and in the references made to them by other authors). Quality of production in the area for which the competition is open, measured also through the multimedia design portfolio of the candidate and expressed in the complexity and typology of the projects undertaken, as well as the degree of innovation of the solutions presented.

5.1.2 — Participation in scientific projects. Quality and quantity of scientific projects in which the applicant has participated in the area for which the competition is open, funded on a competitive basis by public funds, through national or international agencies or financed by companies. In the evaluation of the quality must take into account the obtained financing, the degree of demand of the competition, the evaluations of the projects carried out and the prototypes made, in particular if they have been sequenced in products or services.

5.1.3 — Intervention in scientific community. Assessing the capacity to intervene in scientific community, particularly by organizing events, being (co-)editor of journals, participation in the assessment of projects and articles, invited keynote, as well as participation in academic juries and consulting activities and the recognition obtained by awarded prizes or other distinctions and their impact.

5.1.4 — Constitution of research teams and orientation of academic work of post-doctoral and doctoral students.

### 5.2 — Criteria for evaluation of Pedagogical Capacity.

5.2.1 — Coordination of pedagogic projects. Conception, development and direction of study programs or curricular units, proven by the institutions where the pedagogical activity took place.

5.2.2 — Teaching activity. Total number of teaching hours and quality of teaching activity performed by the applicant, proven by the institutions where the pedagogical activity took place, using, whenever possible, objective methods based on extensive collections of opinion (educational surveys).

5.2.3 — Orientation of students in final bachelor's and master's dissertations.

5.3 — Criteria for evaluation of the Other Relevant Activities

5.3.1 — Training activities shall be considered and or professional activity (courses, workshops, seminars), the participation in scientific, pedagogical or institutional management activities and the participation in outreach activities, transfer of knowledge or technology, contributing to the Mission of the University.

5.3.2. — Analysis of the scientific performance report, educational and other activities considered relevant to the Mission of higher education institutions.

5.4 — Criteria for evaluation of the Scientific-academic project

5.4.1 — Analysis of Scientific-academic project: Consider the clarity and quality of the exhibition, the actuality of the content and other complementary elements considered, with special attention to the potential contribution to the educational and scientific development of the area to which is opened the contest.

5.5 — The weight of each aspect and criteria are indicated in the following table:

**Table – Weight of each aspect and assessment criteria**

Items	Weight	Criteria	Weight
Scientific Performance	P1=60,0	Scientific Production (C11)	P11=0,30
		Participation in scientific projects (C12)	P12=0,30
		Intervention in the scientific community (C13)	P13=0,20
		Constitution of research teams and orientation of academic work of post-doctoral and doctoral students (C14)	P14=0,20
Pedagogic capacity	P2=20,0	Coordination of pedagogic projects (C21)	P21=0,30
		Teaching activity (C22)	P22=0,40
		Orientation of students in final bachelor's and master's dissertations (C23)	P23=0,30
Other relevant activities	P3=10,0	Knowledge transfer, or industrial activities, and dissemination or science management activities (C31)	P31=0,30
		Report on scientific and pedagogical performance (C32)	P32=0,70
Scientific-academic project	P4=10,0	Scientific-academic project (C41)	P41=1,00

6 — Assessment and selection:

6.1 — After the admission of the application to the Competition, the jury will begin the processes of analysis of the applications, taking into account the items and criteria set out in this notice.

6.2 — In the first meeting, which may take place by teleconference as decided by the jury president and after examination and admission of applications, the jury begins to decide which applicants pass to the next phase on absolute merit. To this purpose, each member of the jury proposes, which applications do not meet the requirements at both a scientific and pedagogic level as established by the Notice for the present Competition. After all jury members have submitted their proposals to the President of the jury, the jury votes on each application, for which rejection is proposed, and no abstentions are allowed; an application is rejected on absolute merit if obtains a majority of votes favourable to the rejection among the members of the jury present at the meeting. Each application will be voted only once. Other proposals, which eliminate the same application will not be voted on. The final decision on each proposal, as well as the number of votes collected by each of them, and their bases, are an integral part of the minutes.

6.3 — In the case of an application not receiving absolute merit approval, the jury proceeds to holding a hearing the excluded applicants, who may contest within 10 days.

6.4 — The jury then assesses those candidates approved according to absolute merit, considering the criteria and parameters of assessment as well as the ranking factors in this notice.

6.4.1 — Each member of the jury applies a value, on the scale of 0-100, for each criteria or aspects regarding each applicant.

6.4.2 — The final result is expressed on a numerical scale of 0-100 and it is calculated by weighing each criteria with the corresponding weight which provides a score to each aspect. Each aspect score has its own weight which is used to calculate the final score.

Expressed as a formula, the final result (FR) is calculated as follows:

$$FR = P1 * (C11 * P11 + C12 * P12 + C13 * P13 + C14 * P14) + P2 * (C21 * P21 + C22 * P22 + C23 * P23) + P3 * (C31 * P31 + C32 * P32) + P4 * (C41 * P41)$$

7 — Voting methodology and ordering:

7.1 — The ordering of candidates should be founded on the assessment made based on strands and criteria of assessment and corresponding weighing factors listed in this notice.

7.2 — Before voting, each member of the jury presents a written document, that will be attached to the minutes of the meeting, with the order of the applicants, duly founded, taking into consideration the previous paragraph.

7.3 — On the various votes, each jury member should respect the order presented, no abstentions allowed.

7.4 — The jury will use the following voting method in order to obtain an absolute majority in the final ranking of candidates:

The first vote is intended to determine the applicant to be put in first place. If an applicant receives more than half the votes of the members of the jury present at the meeting he will be placed in first place. If the applicant in first place is not determined, the voting will be repeated, but only among the candidates who received votes to be considered for first place after removal of the applicant least voted in the first round. If there is more than one applicant in the position of least voted there will be another vote with only these applicants in order to determine who is to be eliminated. For this vote, the jury members vote for the applicant who has the lowest ranking, the applicant with the most votes is eliminated. If at this point there continues to be a tie among two or more applicants, the president of the jury will decide which of them is to be eliminated. Once this elimination is made, the jury returns to the first vote, but only with the remaining candidates. The process is repeated until one applicant receives more than half the votes for first place. The process is repeated for second place and so on until an ordered list of all candidates is complete.

#### 8 — Participation of interested parties and the decision:

8.1 — The applicants are notified of the final ranking in order to start the hearings of the interested parties conducted under the terms of the Administrative Procedure Code, applying the adaptations outlined in article 25 of the Regulation.

8.2 — Once the interested parties have had their hearings, the jury assesses their allegations and approves the final ranking of the applicants.

#### 9 — Deadline for final decision:

9.1 — Notwithstanding the following paragraph, the deadline for delivering the jury's final decision cannot surpass ninety consecutive days, starting from the deadline for submission of applications.

9.2 — The deadline mentioned in the previous subsection may be extended when there is an high number of applicants and or when the particular complexity of the Competition justifies it.

10 — The teacher will be hired for an indefinite period with an experimental period of five years to carry out the functions described in the letter of mission and inherent in the category of Assistant Professor.

11 — The present competition is exclusively destined to fill the position indicated and can be finished until the homologation of the final ranking list of candidates and expiring with the respective occupation of the job on offer.



12 — Publication of Competition notice

In addition to being published in a national newspaper, the present notice is also published in:

- a) The website of the Foundation for Science and Technology, I.P., in Portuguese and English;
- b) The website of the University of Aveiro, in Portuguese and English.

13 — 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.

December 18, 2019 — The Rector, *Professor Doutor Paulo Jorge dos Santos Gonçalves Ferreira*.