

ISCTE-University Institution in Lisbon

Public Notice.

By order of the Dean, on 17 July 2018, an international recruitment call for a public works contract, for an indeterminate period, has been opened for the period of thirty working days, counting from the day of publication of this public notice in Diário da República, for one (1) position of Associate Professor in the area of Mathematics, in the Department of Mathematics of ISCTE-IUL. The call is open under the terms of articles 37 to 51 and 62-A of the University Teaching Career Code, Annex to Decree-Law n.º 205/2009, of 31 August, and amended by Law n.º 8/2010, on 13 May, hereinafter referred to as ECDU, and further applicable legislation, namely Recruitment Regulation, Selection and Hiring of ISCTE-IUL teaching staff, published in the Diário da República, second edition, n.º 193, on 4 October of 2010, and expires with the filling of the vacancy advertised. The evaluation of the trial period is carried out under the terms of the Regulation of the Contracting of Teaching Staff at ISCTE-IUL taking into account the establishment of the Regulations of Service of Teachers of ISCTE-IUL and the Regulation of Evaluation of Performance of Teachers of ISCTE-IUL in effect at the time of admission.

I. Admission requirements.

1. Must have held the title of Doctor for more than 5 (five) years in an area that the jury considers appropriate to the vacancy. In the case that the doctorate was awarded by a foreign institution, the candidates must prove the respective recognition or equivalence of level.

2. Must be fluent in spoken and written Portuguese.

3. Must be fluent in spoken and written English.

II. Presentation of applications

1. Applications must be presented personally during normal working hours, or sent by registered mail and with notification of delivery, to Unidade de Recursos Humanos do ISCTE-IUL, Avenida das Forças Armadas, 1649-026, Lisboa.

2. Applications sent by email will not be accepted.

III. Place of work

ISCTE-IUL, Instituto Universitário de Lisboa
Avenida das Forças Armadas,
1649-026, Lisboa, Portugal

IV. Application instructions

The application must be accompanied by the following documents:

1. Application sent to the Dean of ISCTE-IUL, requesting acceptance of the application, including full name, and name used in bibliographical references, number and validity of identification document or civil identification number, address or contact address, telephone number,

and current working status. In the application, the candidate must declare their consent for the communications and notifications regarding the application procedure to take place by email, indicating the respective address (model available at <https://www.iscte-iul.pt/conteudos/iscte-iul/quem-somos/trabalhar-no-iscte-iul/990/concursos>).

2. Corroborating documents meeting the requirements listed in points 1,2 and 3 of number I of this public notice:
 - a) Applicants holding the position of doctor obtained abroad must present a corroborating document that proves its recognition or equivalence by a Portuguese institution of higher education, with any formalities therein required to be completed by the closing date for applications.
 - b) Candidates must present a sworn statement that they are sufficiently proficient in Portuguese and English to be able to give lectures in these languages, in agreement with the model available at <https://www.iscte-iul.pt/conteudos/iscte-iul/quem-somos/trabalhar-no-iscte-iul/990/concursos>.
3. Two copies in digital format (2xCD, 2xDVD, or 2xUSB Pen Drive), containing uneditable copies in electronic format (Portable Document Format - PDF) of the following documents:
 - a) Curriculum Vitae of the candidate, which must include:
 - i. Teaching activities, research, transference of knowledge and university management that make up the set of duties to be performed by an Associate Professor, under the terms of article 4 of the ECDU, and considered relevant to the current application procedure, in agreement with the terms of this vacancy notice.
 - ii. "Researcher ID" and "Scopus Author ID" identifications, which allow identification of publications and of the respective number of citations, as well as the "h-index" of the candidate, in agreement with Thomson Reuters Web of Knowledge and/or Scopus.
4. Electronic version of the publications referred to in point IV.3.b of this vacancy notice.
5. Curricular and teaching plan of a curricular unit in the subject area of mathematics, specialising in Geometric Analysis, included in the Bachelor, Master's or Doctoral programme in Mathematics at ISCTE-IUL, in the form of a manual, prepared in accordance with the criteria presented in Annex I of this public notice.
6. Any other documents or works that the candidate deems relevant for the consideration of the jury.
7. A sworn declaration by the candidate of the possession of the general legal requirements regarding public positions, namely relating to inability to perform public duties or the prohibition of the candidate to perform the duties for which they are applying. The candidate must be in robust physical and psychological health, essential to the performing

of the respective functions and obey the laws regarding obligatory vaccinations available at <https://www.iscte-iul.pt/conteudos/iscteiul/quem-somos/trabalhar-no-iscteiul/990/concursos>

8. The documents that make up the application must be in Portuguese or English.

9. The absence of the documents required under the terms of this vacancy notice, delivery of the application after the stipulated deadline, or the of false documents will lead to exclusion from the procedure.

V. Assessment criterion based on absolute merit

1. With the candidates duly qualified in accordance with the requirements of this vacancy notice, the admission in absolute merit of the candidates will depend on the presentation of a global curriculum, that the jury considers of sufficient scientific and pedagogic merit, compatible with the performing of duties of an Associate Professor in the disciplinary area to which the tender pertains and which meets the following criteria:

a) Publication of at least 10 (ten) scientific texts in the last 10 (ten) years, in the form of articles, scientific books or chapters of books, of which at least 5 (five) articles have been published or accepted definitively for publication in areas considered relevant to the subject area of the vacancy in question, in international scientific magazines indexes on

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Scopus or Thomson Reuters Web of Knowledge databases, and classified on these databases in the first or second quartile (Q1 or Q2) in terms of the impact factor of the publication;

b) Coordination of at least 1 (one) scientific research project with national or international funding;

c) Successful conclusion of the orientation at least 1 (one) Masters or Doctorate student;

d) Presentation of a Pedagogic Plan and one triennial research project, as required in points IV. 5 and 6 that demonstrate the necessary ability

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adequate performing of duties associated with the position of Associate Professor in the subject area of the vacancy, and which does not include insufficiencies or serious mistakes.

2. The Jury will deliberate on the admissibility in absolute merit of the candidate by justified nominal vote in which no abstentions are allowed.

3. The candidate who succeeds in obtaining favourable votes from more than half of the voting jury members is considered approved in absolute merit.

VI. Selection method and evaluation criteria

1. The current selection procedure aims to verify the ability and the performance of the candidates in the different aspects that, under the terms of article 4 of the ECDU, constitute the set of duties to be performed by a university teacher, namely:
 - a) To carry out scientific research activities ;
 - b) To provide the teaching service that is designated to you and to monitor and guide students;
 - c) To participate in further university duties, promoting scientific activities and an economic and social appreciation of knowledge.
 - d) To participate in the management of the respective university institutions;
 - e) To participate in other duties designated by the relevant management departments and which are included within the scope of the duties of a university teacher.

2. The approved candidates in absolute merit will be subject to the curricular evaluation method that, the provision in VI.1 being present, will judge on the following criteria:
 - a) Pedagogic activity;
 - b) Scientific activity;
 - c) University extension, Scientific Promotion and Economic and Social Appreciation of Knowledge, that will be termed University Extension Activity in the current vacancy notice;
 - d) University management tasks and Service to the Institution;
 - e) Pedagogic plan and research project;

3. The curricular evaluation of the various candidates in each of these areas must take into consideration the subject area to which the vacancy pertains .

4. The parameters to consider in each of the areas stated in VI.2 and weight attributed to each in the final classification are the following, with particular importance given to activity the last 10 (ten) years, it's relevance, quality and the up-to-dateness of the candidate's Curriculum Vitae, and the publications selected by the candidate and identified in the document IV.3.b):
 - a) Pedagogic Activity (25%)
 - i. Teaching activity (10%) - lecturing experience of curricular units in the subject area which pertains to the vacancy and respective pedagogic performance. In the evaluation of this parameter, the following criteria are taken into consideration: the diversity of the curricular units lectured, the level of education (Degree, Masters and Doctorate), involvement in the management of the curricular units (teacher or coordinator).
 - ii. Pedagogic innovation (10%)-promotion of pedagogic initiatives that aim to improve teaching and learning processes, creation of new graduate and post graduate courses or of new curricular units, participation in structures within the pedagogic remit, promotion and enhancement of processes to improve pedagogic activ-

ity, cycles of study or other teaching activities. In the evaluation of parameter, the number, nature and diversity of the activities and recognition of the initiatives by way of awards, will be taken into consideration.

- iii. Orientation (5%) - orientation of dissertations and masters projects, doctorate theses and post doctorate projects and the scientific excellence of the supervised works. In the evaluation of this parameter, the number and diversity of the orientations will be taken into consideration, including those concluded and those still under way.

b) Scientific Activity (50%)

- i. Scientific output in the area to which the vacancy pertains (35%) - books, articles in national and international scientific magazines chapters in books and communications at national and international conferences and scientific events, with an emphasis on Geometric Analysis. In the evaluation of this criterion, the following will be taken into consideration: quality, originality, quantity and diversity of the output, scientific autonomy displayed, degree of internationalisation and the impact of the scientific output.
- ii. Participation, coordination and leadership of scientific teams (10%) - participation in scientific projects with national or funding (public or private), as well as non-funded projects. In the evaluation of this criterion the following will be taken into consideration: quantity, degree of incorporation of the project in national or international networks, the competitive nature of the project in financial terms, the contribution in terms of assets and resources needed to structure the research, and the type of involvement of the researcher (coordinator or participant).
- iii. Scientific evaluation (5%) - Participation in national or international juries for academic qualifications, participation in national or international evaluation panels and scientific consulting of scholarships/grants, projects research or units of research, participation in the commissioning of scientific events and active collaboration in the editing, evaluation and revision of national or international scientific publications. In the evaluation of this parameter the following will be taken into consideration: the role performed and the diversity of activity.

c) Further University Duties (5%)

Scientific publications, namely articles in magazines and national conferences and other scientific or technical publications and monitoring their professional and social impact. Participation and coordination of scientific initiatives, service to the community as regards the organisation, cooperation and consultation with other institutions.

d) University Management Activity and Service to the Institution (5%)

Activities resulting from participation in the university's management departments, taking into consideration the nature and responsibility of the role. Participation and promotion of the institution and recruitment of new students, participation in recruitment juries, and other activities attributed by the relevant entities within the scope of the normal functioning of institutions of higher education. Other duties performed, as established in article 73 of the Statute of University Teaching Careers (EDCU) or duties in national or international scientific organisations.

e) Quality of the pedagogic plan and of the triennial research project that the candidate proposes to develop in the area to which the subject area of the vacancy pertains, with the objective of promoting teaching activities and research on the subject area of mathematics, with an emphasis on Geometric Analysis. In the evaluation of this parameter the following will be taken into consideration: the innovative nature of the plan and project, it's feasibility in the context of the department to which the vacancy pertains, with both scientific and pedagogic endeavours being valued equally.

VII. Sorting of candidates and voting methodology

- f) The deliberation is made by absolute majority, that is, half plus one of the votes of the members of the jury present at the meeting. For this purpose, before the vote, each member of the jury presents a written document that will afterwards be filed in the minutes, in which is proposed, if this is the case, the sorting of the candidates, duly based on the evaluation criteria stated in VI.4, in which candidates are classified on scale of 0-100 in each evaluation criterion.
- g) In the various votes, each member of the jury must respect the sorting procedure, with no abstentions permitted. The first vote is intended to determine which candidate is put in first place. If a candidate wins more than half the votes of the members of jury present at the meeting, they are immediately put into first place. If this does not happen, the vote is repeated after withdrawing from the vote the candidate with the least votes. If there is a tie between two or more candidates with the least votes, then a vote is held between them to break the tie, and if there is still a tie then the president of the jury will decide which candidate to withdraw. The process is repeated until one candidate obtains an absolute majority to be classified in first place. The same procedure is repeated to obtain the candidate in second place, and so on until a sequential list of the candidates is obtained.
- h) Whenever there is an equal number of votes between all the candidates the president of the jury has the deciding vote under the terms of article 12 of the Regulation of Recruitment, Selection and Hiring of Career Teaching Personnel at ISCTE-IUL.

- i) The jury deliberates on the necessity to advance to the holding of a public hearing of the candidates accepted, which are carried out in accordance with the terms of articles 8. N.º 2 and 20 of the Regulation of Recruitment, Selection and Hiring of Career Teaching Personnel at ISCTE-IUL.

VIII. Constitution of the Jury

The jury is presided over by a delegation of the Dean of ISCTE-IUL, Dr Elizabeth de Azevedo Reis, Professor and vice-Dean of of ISCTE-IUL, and is made up of the following professors:

Dr. Miguel Tribolet de Abreu, Professor in the Mathematics Department of Instituto Superior Técnico da Universidade de Lisboa;

Dr. José Manuel Vergueiro Cidade Mourão, Professor in the Mathematics Department of Instituto Superior Técnico da Universidade de Lisboa;

Dr. Marc Mars Lloret, Professor in the Fundamental Physics Department from the University of Salamanca;

Dr. Estelita Graça Lopes Rodrigues Vaz, Professor in the Department of Mathematics from Minho University;

Dr. Manuel Alberto Martins Ferreira, Retired Professor from ISCTE - Instituto Universitário de Lisboa.

IX. Hearings of Interested Parties

From the list of candidates accepted and excluded as well as from the final classification list of candidates, interested parties will be notified by email. The recruitment process may be consulted by the candidates in the Human Resources department, under the terms stated in the referred notification.

X. Equality between men and women

In compliance with point h) of article 9 of the Constitution, ISCTE-IUL, as an employer entity, promotes a policy of equality of opportunities between men and women in the access to work and professional progression, doing its utmost to avoid any kind of discrimination.

The documents including the curricular unit pedagogic plan and triennial research project requested for this vacancy must be of a maximum of 12 (twelve) pages, each one in A4, with a minimum font size of 11 points, with no pages beyond the first 12 (doze) being considered for evaluation.

These documents must present, concisely, the proposals for the development of teaching activities and research in the subject area pertaining to the vacancy, illustrating its innovative nature and plans for its implementation, emphasising its connection to the department and research unit where it is intended the research will be carried out, and the links between the scientific and pedagogic areas to be developed. The pedagogic curricular unit plan should also clearly consider the following aspects: objectives of the curricular unit, skills to be developed, methodology, evaluation, bibliography and materials required for each topic of the program.

The work to be developed must be state of the art, stating explicitly the objectives, methodologies to be adopted and the resources to be used or to be acquired by IS-CTE-IUL. Also, any results or previous experiments by the candidates that support their project must be presented, and references to recent literature, including, namely, any of the candidate's academic output that may be relevant to the project and subject area to which it pertains.