

**ANNOUNCEMENT FOR THE OPENING OF AN INTERNATIONAL SELECTION TENDER PROCEDURE
FOR THE HIRING OF ONE DOCTORATE UNDER THE LEGAL REGIME OF SCIENTIFIC EMPLOYMENT**

Ref^a CTTI-74/20-CMAT (1)

1. Doctor Rui Manuel Costa Vieira de Castro, Professor and Rector of Universidade do Minho, in the use of own competence, in accordance with the provisions of subsection d) of section 1 of article 92 of Law No. 62/2007, from 10 September and subsection d) of section 1 of article 37 of the Statutes of the University of Minho, approved by Normative Order no. 13/2017, published in the Diário da República, 2nd series, no. 183, of September 21, makes it known that, for a period of fifteen business days from the business day immediately after the date on which this announcement is publicized, an international selection tender is open for recruitment in the form of an uncertain term contract concluded under the Labour Code, of 1 (one) doctoral position, for the exercise of scientific research activities in the scientific areas of Pure Mathematics, Applied Mathematics, Probability and Statistics, aiming the development of research work in the domains of Algebra, Logic, Analysis, Geometry, Topology, Probability, Statistics and Operational Research (cf. items 4. and 6.1 c) of the present announcement).

2. Applicable Legislation: This tender shall be governed by the Decree No. 57/2016, of August 29, amended by Law No. 57/2017 of July 19, which approves a regime of hiring of doctorates to stimulate scientific and technological employment in all areas of knowledge (RJEC), by Labour Code, approved Law no. 7/2009, of February 12, under its current version and other applicable laws and regulations.

3. The present call is open under the Programme- Contract celebrated with FCT in September 4 of 2018, with the Reference No. CEECINST/00156/2018 and respective Addendum of January 23 of 2020, in the framework of the selection tender procedure under the legal regime of scientific employment.

4. Place of Work: The work placement is located in the Centre of Mathematics of the University of Minho, Campus de Gualtar, in Braga, or Campus de Azurém, in Guimarães (cf. the webpage of CMAT at <http://www.cmat.uminho.pt> and the corresponding English version).

5. Monthly salary: The remuneration to be attributed corresponds to the remuneration levels 53^o and 54^o of the TRU, and is equal to 3.201,40 Euros, according to the Regulatory Decree No.11-A/2017, of December 29.

6. Eligibility Criteria: Any national, foreign and stateless candidate, holder of a doctoral degree in the scientific area of Mathematics or in other related scientific areas, and holder of a scientific and professional curriculum whose profile is suitable to the development of the planned research activity, can submit their application.

6.1 For the purpose of determining the appropriate profile to the activity to be developed, the following requirements should be considered:

- a) Degree completed at least 5 years ago;
- b) Proven experience in a scientific domain with interest to CMAT;
- c) A research project (5 to 10 pages) should be submitted, including a work plan in the areas of Pure Mathematics, Applied Mathematics, Probability and Statistics, to be carried out during the period of the contract, emphasizing the adequacy to CMAT (cf. the webpage of CMAT at <http://www.cmat.uminho.pt> and the corresponding English version);
- d) A statement declaring the availability to the student's supervision.

7. Formalization of the applications: The applications are formalized through an application addressed to the Rector of Universidade do Minho, following the template available as annex to the present announcement.

7.1. The application shall be accompanied by documents proving the conditions laid down in points 6, 6.1 and 11, namely:

- a) Copy of certificate or degree diploma;
- b) Detailed Curriculum Vitae structured according to the items in point 11;
- c) Proof of professional experience (if applicable);
- d) Research plan in the areas of Pure Mathematics, Applied Mathematics, Probability and Statistics, to be carried out during the period of the contract, emphasizing the adequacy to CMAT (cf. the webpage of CMAT at <http://www.cmat.uminho.pt> and the corresponding English version);
- e) Motivation Letter;
- f) Two Letters of Recommendation by renowned Professors or Researchers in the Mathematics area, that should be send directly by them, by email, both to concursos@reitoria.uminho.pt and to candidaturas@cmat.uminho.pt, indicating the reference "Refª CTTI-74/20-CMAT (1)";
- g) Copy of the most relevant publications (maximum 5);
- h) Other relevant documents for the evaluation of the qualification in related scientific areas;
- i) Any other documents that the applicant considers relevant, namely for the assessment of the information referred to in section 2 of article 5 of the RJEC.

7.2. The candidates submit the application and supporting documents, in PDF format, obligatorily, by electronic means, to both the addresses concursos@reitoria.uminho.pt and candidaturas@cmat.uminho.pt, by the deadline for submission of applications defined in this notice, indicating as "Subject" the reference "Refª CTTI-74/20-CMAT (1)".

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

8. Members of the Jury: The selection jury, approved at the meeting of the Scientific Council of 20/07/2020, has the following composition, according to article 13 of the RJEC:

- a) Chairman: Ana Jacinta Pereira da Costa Soares, Associate Professor of the Department of Mathematics of the School of Sciences of the University of Minho;
- b) Effective Member: José Carlos Cruz Costa, Associate Professor of the Department of Mathematics of the School of Sciences of the University of Minho;
- c) Effective Member: Wolfram Erhagen, Associate Professor of the Department of Mathematics of the School of Sciences of the University of Minho;
- d) Substitute Member: Luís Filipe Ribeiro Pinto, Associate Professor of the Department of Mathematics of the School of Sciences of the University of Minho;
- e) Substitute Member: Maria Piedade Machado Ramos, Associate Professor of the Department of Mathematics of the School of Sciences of the University of Minho.

9. Rules of operation of the Jury: The jury shall deliberate by means of a nominal vote based on the selection criteria adopted and published, and abstentions shall not be allowed.

9.1. The jury meetings will be documented in written minutes, containing a summary of what has taken place, as well as the votes cast by each of the members and their reasons, being provided to the candidates whenever requested.

10. Admission and exclusion: Candidates who formalize their application incorrectly or who do not prove the admission requirements required in points 6 and 6.1 and formalized in points 7 and 7.1 are excluded from admission

to the competition of this invitation to tender. The jury has the power to require any candidate, in case of doubt, to present documents proving their statements.

10.1 The exclusion decision shall be notified to the applicants by email for preliminary hearing to the interested parties.

10.2 After the deadline for the exercise of the right of hearing of the interested parties, the jury appreciates the allegations offered and, if it maintains the exclusion decision, notifies the excluded candidates by email with delivery receipt, beginning the application of the selection methods to admitted candidates.

11. Method and evaluation criteria: The selection method is based on the Scientific and Curricular Trajectory Assessment (**APCC**), weighted 90%, and an Interview (**ENT**), weighted 10%.

11.1. The evaluation of the scientific and curricular trajectory focuses on relevance, quality and timeliness, with more emphasis on the last five years:

- i. of the scientific production, considered relevant by the candidate;
- ii. of the scientific activities considered of greatest impact by the candidate;
- iii. of the activities of extension and dissemination of knowledge developed by the candidate, namely in the context of the promotion of culture and scientific practices in Mathematics, considered relevant by the candidate;
- iv. from the activities of managing science, technology and innovation programs, or from experience in the observation and monitoring of the scientific and technological system or higher education, in Portugal or abroad.

11.2 The period of five years referred to in the preceding paragraph may be increased by the jury, at the request of the candidate, when justified on grounds of suspension of scientific activity for socially protected reasons, namely for reasons of parental leave, prolonged serious illness, and other situations of unavailability for work legally protected.

11.3 **Scientific and Curricular Trajectory Assessment (APCC):** The following assessment criteria are considered:

- a) Curriculum Vitae (CV)
- b) Work Plan (PT)
- c) Motivation Letter (CM)
- d) Recommendation Letters (CR)

The final classification of the APCC, when the weight of each criterium is considered, is obtained by the following formula:

$$APCC = 0,50 CV + 0,35 PT + 0,10 CM + 0,05 CR$$

11.4 The final classification of the APCC is expressed in the numerical scale of 0 to 5 values.

11.5 The classification of each candidate is obtained by the average of the classifications of each one of the elements of the jury. In the event of a tie, the decision of the tiebreaker shall rest with the chairman of the jury.

11.6 For candidates with a Scientific and Curricular Trajectory Assessment (APCC) equal to or greater than 4 values, the evaluation process includes an Interview (ENT) to be carried out by videoconference. The interview will be classified in a scale of 0 to 5 values, in order to obtain explanations about the curricular elements and additional information, as well as to evaluate the profile, the attitude and the oral communication of the candidate.

11.7 Those candidates whose score in the absolute merit is less than the one referred in the previous item for the Scientific and Curricular Trajectory Assessment (APCC) are considered immediately excluded.

11.8 In the Interview (ENT), with a maximum duration of 15 minutes, the following evaluation criteria will be applied:

- (a) Profile of the candidate (P);
- (b) Attitude of the candidate (A);
- (c) Oral communication of the candidate (CO).

11.9 The classification obtained in the interview, with the criteria considered in item 11.8, by each member of the jury, is expressed in a numerical scale from 0 to 5, until the first decimal position, expressed by the following formula

$$ENT = 0,3 P + 0,3 A + 0,4 CO$$

11.10 The position may only be awarded to candidates whose final grade is 4 or higher in the averaged classification of the APCC (90%) and ENT (10%).

12. Order of candidates: The order of the candidates must be based on the evaluation made according to the evaluation criteria contained in this announcement.

12.1 After completion of the application of the evaluation criteria, the jury will draw up an ordered list of successful candidates with their respective classification.

12.2 The final classification of the candidates is expressed in the numerical scale of 0 to 5 values, being the classification obtained through the weighted average.

13. Participation of interested parties and decision: The final ordering project is notified to the candidates, by email with receipt of delivery of the notification, to pronounce for the purpose of preliminary hearing to the interested parties, pursuant to article 121 and following ones of the Code of Administrative Procedure.

13.1 At the hearing of the interested parties, the jury appreciates the allegations offered and approves the final ordered list of the successful candidates. Within 90 days, from the deadline for submission of applications, the final decisions of the jury are given.

13.2 The final decision of the jury is approved by the Rector of Universidade do Minho that also decides on the hiring.

14. Publication of the results: The list of admitted and excluded candidates, as well as the final ranking list of the successful candidates, are publicized on the University of Minho's website, and the candidates are notified by email with receipt of delivery of the notification.

15. The present tender is exclusively destined to fill the indicated vacancies and may be terminated until the homologation of the final ranking list of candidates and expires with the respective occupation of the jobs on offer.

16. The present announcement was approved by the jury of the tender at its meeting on July 15 of 2020, according to the minutes of the meeting approved therein.

17. Non-discrimination and equal access policy: The University of Minho actively promotes a policy of nondiscrimination and equal access, so that no candidate can be privileged, beneficiary, disadvantaged or private 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.

17.1. Pursuant to section h) of article 9 of the Constitution of the Portuguese Republic, the Public Administration, as an employer, actively promotes a policy of equal opportunities for men and women in accessing employment and professional advancement, providing scrupulously to avoid any form of discrimination.

18. The selection of the candidates to be hired will be conditional, with the corresponding labour contracts being executed depending on the availability of the budget and corresponding funding under the aforementioned legislation and the regulations and rules established by the Foundation for Science and Technology (FCT).

The Rector, Professor Doctor Rui Manuel Costa Vieira de Castro

ANNEX

APPLICATION

Dear Rector of Universidade do Minho

Name (...), birthdate (...), VAT N°. (...), identification card no. (...), address (...), Postal code (...), Mobile Phone no. (...), email address (...), literary abilities (...), hereby requests that you kindly accept my application for the international competition for recruitment in the form of an uncertain term contract under the Labor Code and Decree-Law No. 57/2016 of 29 August, as amended by Law no. 57/2017, of 19 July, of 1 (one) doctoral position in the Institute of Earth Sciences area according to a notice published in the Diário da República no. __, 2nd series, of __/__/__, with Ref. CTTI-72/20-CCT (1).

Further declares that it agrees to receive by email the communications and notifications resulting from the present selection tender procedure.

Find attached the following documents: xxx

(Place and date)

(Signature)