

02/12/2021

Doctoral researcher position initial level under private law; ref. CTTI-130/21-CFUM(1)

Where to apply

Application Deadline: 17/12/2021 12:00 - Europe/London

Contact Details

Where to send your application.

COMPANY

University of Minho

E-MAIL

investigadores@ecum.uminho.pt

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY

University of Minho

COUNTRY

Portugal

DEPARTMENT

Centre of Physics of the University of Minho

CITY

Braga

ORGANISATION TYPE

Higher Education Institute

POSTAL CODE

4710-057

WEBSITE

<http://www.uminho.pt>

STREET

Campus de Gualtar

E-MAIL

investigadores@ecum.uminho.pt

ORGANISATION/COMPANY

University of Minho

LOCATION

Portugal › Braga

RESEARCH FIELD

Physics

TYPE OF CONTRACT

Temporary

RESEARCHER PROFILE

Recognised Researcher (R2)

JOB STATUS

Full-time

APPLICATION DEADLINE

17/12/2021 12:00 - Europe/London

HOURS PER WEEK

35

OFFER STARTING DATE

14/02/2022

OFFER DESCRIPTION

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

ICTTI-130/21-CFUM(1)

Doctor Rui Manuel Costa Vieira de Castro, Professor and Rector of Universidade do Minho, in the use of his own competence, in accordance with the terms of subsection d) of section 1 of article 92 of Law no. 62/2007, from September 10th and subsection d) of section 1 of article 37 of the Statutes of Universidade do Minho, approved by Normative Order no. 13/2017, published in Diário da República, 2nd series, no. 183, of September 21st, makes it known that, for a period of 10 (ten) working days counting from the business day immediately after the date on which this notice is published, an international selection tender is open for recruitment, in the form of an uncertain term contract celebrated under the Labour Code, of 1(one) doctoral researcher position initial level under private law, for the

exercise of scientific research activities in the scientific area of Physics , within the scope of the project In vivo biometric and optical changes of the crystalline lens with accommodation and its impact in subjective retina image quality-LensUM, ref. POCI-01-0145-FEDER-031486 co-financed by the European Regional Development Fund (ERDF), through the Operational Programme for Competitiveness and Internationalization (POCI), under Portugal 2020, and by the Fundação para a Ciência e a Tecnologia – FCT I.P.(National Agency for Science and Technology) aiming at the development of research activities towards the implementation and optimization of a system to obtain in vivo biometric parameters of the lens and to study the changes of its biometric and optical properties with accommodation. It should also contribute to the study of the visual impact of ocular aberrations on visual perception during accommodation

1. Applicable Legislation: This tender, open by Decree of 14/10/2021 by the Rector of Universidade do Minho, is governed by the provisions of Decree Law No. 57/2016, of August 29th, amended by Law No. 57/2017 of July 19th, which approved a hiring regime of doctorates aimed at stimulating scientific and technological employment in all areas of knowledge, by the Regulation of Scientific Employment (RSE), by the Regulamento da Carreira, Recrutamento, Contratação e Avaliação do Desempenho do Pessoal Investigador em Regime de Direito Privado da UMinho (RPI-UM), published in Diário da República, 2nd series, no. 209, October 27th, amended by law no. 881/2020, published in the Diário da República, 2nd series, of December 15th, by the provisions of the Labour Code, approved Law no. 7/2009, of February 12th, in its current version, and other applicable laws and regulations.

2. Place of Work: The work placement is located in Centre of Physics of the University of Minho, Campus de Gualtar, in Braga.

3. Monthly salary: The salary to be attributed is 2.134,73 Euros, corresponding to the remuneration level 10 included in the annex 1 of the RPI-UM.

4. Eligibility Criteria: Any national, foreign and stateless candidates who hold a doctoral degree in the field of knowledge / specialty that shows an appropriate profile for the activities to be developed.

Opponents of this tender with qualifications obtained abroad must prove the recognition, equivalence or registration of the doctoral degree in Optics, Physics or Biomedical engineering or other related scientific areas, under the terms of the applicable legislation. This formality must be completed by the signing date of the contract.

4.1. General admission requirements are those defined in point 4. For the purpose of determining the appropriate profile for the activity to be developed, the following are special requirements:

a) Proven experience in the scientific area of the competition of at least 1 year, which includes the training time to obtain the doctorate;

b) Applicants should preferably have skills and experience in optical design, image processing, adaptive optics or vision optics

5. Formalization of the applications: Applications are formalized through a request addressed to the Rector of Universidade do Minho, under the terms defined in the attached template.

5.1. The application must include the following documents:

a) copy of certificate or diploma degree;

b) detailed curriculum vitae structured in accordance with point 9;

c) proof of professional experience (if applicable);

d) motivation letter;

e) letters of recommendation (optional);

f) copy of the [2 most relevant publications];

g) summary of the research project (max. 2 p. A4), if applicable;

h) other relevant documents for the evaluation of qualification in the related scientific area;

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 RSE.

5.2. Candidates must submit the request and supporting documents, using digital tools, in PDF format, mandatorily, by electronic means, to the address investigadores@ecum.uminho.pt , until the deadline for submission of applications established in this notice, indicating in subject "Ref. CTTI- 130/21-CFUM(1)".

5.3. Failure to comply with the deadline for submitting the application, such as failure to submit or late submission of the application referred to in point 5 and the documents referred to in points a) to c) of point 5.1, determines the exclusion of the application. The exclusion decision is notified to the candidates, by email, for the purpose of holding the hearing of interested parties.

5.4. The jury may, whenever it finds necessary, request candidates to provide documents complementary to the facts referred to in the submitted curriculum, determining a deadline for this purpose.

5.5. False statements provided by the candidates will be punished by law.

6. Members of the Jury: The selection jury has the following composition, according to article no. 13 of the RSE and article no. 35 of the do RPI-UM:

Chairman: Luís Manuel Rebouta, Professor at the Physics Department of the University of Minho.

Effective Member Sandra Maria de Braga Franco, Professor at the Physics Department of the University of Minho.

Effective Member: Sérgio Miguel Cardoso Nascimento, Professor at the Physics Department of the University of Minho.

Substitute Member: João Manuel Maciel Linhares, Professor at the Physics Department of the University of Minho

Substitute Member: Maria Madalena Faria da Cunha Lira, Professor at the Physics Department of the University of Minho

7. Rules of operation of the Jury: The jury shall deliberate by means of a nominal vote in accordance with the adopted and published selection criteria, and abstentions will not be allowed.

7.1. 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 the respective grounds, being provided to the candidates whenever requested.

8. Approval on absolute merit:

8.1. The jury must decide on the absolute merit of the candidates, based on the merit of the global curriculum of the candidates in the scientific area for which the tender is open.

8.2. The decision of exclusion on absolute merit is notified to the candidates, by email, for the purpose of holding the hearing of interested parties.

8.3. Once the deadline for the exercise of the right of hearing the interested parties has expired, the jury analyses the allegations presented and, if it keeps the exclusion decision, notifies the excluded candidates by email with delivery receipt, subsequently beginning the application of the selection methods to the admitted candidates.

9. Method(s) and evaluation criteria: The selection method consists of a Scientific and Curricular Path Assessment (SCPA) and an Interview (I), weighing 10%.

All candidates, approved on absolute merit, are subjected to the evaluation of the scientific and curricular path to be carried out according to the criteria and weights defined in point [9.3. and 9.4, if applicable]. However, only the 4 candidates approved and best positioned in the ranking resulting from the evaluation of the scientific and curricular path will be admitted to the Interview.

9.1. The evaluation of the scientific and curricular trajectory focuses on relevance, quality and timeliness:

- a) Academic training;
- b) Scientific and technological outputs of the last five years considered more relevant by the applicant;
- c) Applied or practice-based research activities developed over the last five years and considered to be of greatest impact by the applicant;

9.2. 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.

9.3. Scientific and Curricular Trajectory Assessment (APCC): The following parameters and evaluation criteria are considered: HA - Academic Qualifications; PC - Scientific and Technological Production; AI - Research, Extension and Management Activities; CM - Motivation Letter. The final classification of the APCC is obtained by the following formula:

$$SCPA = 0,3HA + 0,35PC + 0,2AI + 0,15CM.$$

AQ – Academic Qualifications: evaluates the candidate's training area: PhD in Optics, Physics or Biomedical Engineering, AQ = 4 values; PhD in related fields, AQ = up to 3 values.

Experienced skills and experience in optical design, image processing, adaptive optics, electronics or programming can add up a bonus up to 1 value

SP - Scientific and technological production: corresponds to the evaluation of the scientific and technological production of the last five years obtained by the formula;

$$SP = 0,6SP1 + 0,4SP2.$$

SP1 corresponds to the quantitative evaluation of publications in ISI / SCOPUS journals: in the subfield of science of the profile, SP1 = up to 5 values; publications in related subfields, SP1 = up to 3 values; publications in other subfields, SP1 = 0 values.

SP2 corresponds to the qualitative evaluation of up to 5 articles to be provided by the applicant, PV = up to 5 values.

RA – Research Activities: corresponds to the evaluation of research, extension and management activities carried out in the last five years. This parameter includes: (i) the orientation / coordination of masters, doctorates and postdoctoral studies; (ii) participation in R & D projects, services, and technology transfer; (iii) participation in activities of science management and dissemination of knowledge, including the organization of conferences, symposia and scientific cooperation activities. Activities in the subfield of science of the profile, RA = up to 5 values; activities in related subfields, RA = up to 3 values; activities in other subfields, RA = 0 values.

ML – Motivation Letter: Motivation letter describing the relevance of the scientific trajectory to the profile and personal career goals: ML = up to 5 values.

9.4. Interview (INT), with the duration of 15-minutes, can be done by Skype, the following parameters and criteria will be applied:

ASC - Attitude and critical sense. ACS up to 5 values

MTV – Motivation of the candidate, MTV up to 5 values

AG - Global assessment, GA up to 5 values

The final classification of the INT is obtained by the formula

$$INT = 0.3ASC + 0.5MTV + 0.2AG,$$

9.5. Candidates with an absolute merit score lower than 3.5 points in one of the methods, the following method, not being applied to them, as well as candidates who have not attended, have given up on them or, although approved, have not been included in the tranches used.

9.6. The valuation of the evaluation parameters is expressed on the numerical scale from 0 to 5 points, with a weight of 90% for SPA and 10% for INT.

9.7. The classification of each candidate is obtained by the average of the classifications of each one of the members of the jury. In case of a draw, the Chairman of the jury will make a final decision to untie the applicants.

10. Order of candidates: The order of the candidates must be based on the evaluation made according to the evaluation criteria described in this notice.

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

10.2. The final classification of the candidates is expressed in the numerical scale of 0 to 100 points; the classification being obtained through a weighted average.

11. Participation of interested parties and decision: The final ordering is notified to the candidates, by email with receipt of delivery of the notification, allowing them to pronounce for the purpose of preliminary hearing of the interested parties, pursuant to article 121 and following of the Code of Administrative Procedure, applying, with the necessary adaptations, the provisions of article 31 of the Regulation.

11.1. After the hearing of the interested parties, the jury analyses the allegations presented and approves the final ordering list of the successful candidates. Within 90 days, from the deadline for submission of the applications, the final decisions of the jury are given.

11.2. The period referred to in the previous number may be extended when the high number of candidates and or the special complexity of the competition justifies it.

11.3. The final decision of the jury is approved by the Rector of Universidade do Minho, who also decides on the hiring.

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

13. The present tender is exclusively designated to fill the indicated vacancies and may be terminated up to the homologation of the final ranking list of candidates, expiring with the respective occupation of the jobs on offer.

14. The present announcement was approved by the jury of the tender at its meeting on 25/10/2021, according to the approved minutes of the said meeting.

15. Non-discrimination and equal access policy: Universidade do Minho actively promotes a policy of non-discrimination and equal access, so that no candidate may be privileged, benefited, harmed or deprived of any right or exempt from any duty due, namely, 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 convictions and trade union membership.

15.1. 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, scrupulously any form of discrimination.

The Rector, Professor Rui Vieira de Castro

ANNEX

REQUEST

To the Rector of Universidade do Minho

Name (...), birthdate (...), VAT no. (...), identification card no. (...), address (...), Postal code (...), Mobile Phone no. (...), email address (...), holder of a degree in (...), hereby requests that you kindly accept my application for the international competition for recruitment in the form of an uncertain term contract under the Labour Code and Decree-Law No. 57/2016 of August 29th, as amended by Law no. 57/2017, of July 19th and the "Regulamento da Carreira, Recrutamento, Contratação e Avaliação do Desempenho do Pessoal Investigador em Regime de Direito Privado da UMinho" published in Diário da República, 2nd Series, no. 209, of 27 October, of __ doctoral positions in the scientific area of _____, according to a notice published in the Diário da República no. __, 2nd series, of __/__/__, with Ref. _____.

I also declare that I agree 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)

More Information

ADDITIONAL INFORMATION

Benefits

Details described in the job offer description section

Eligibility criteria

Details described in the job offer description section

Selection process

Details described in the job offer description section

Additional comments

Details described in the job offer description section

Web site for additional job details

<https://intranet.uminho.pt/Pages/Documents.aspx?Area=Procedimentos%20Concursais>

REQUIREMENTS

Offer Requirements

REQUIRED EDUCATION LEVEL

Physics: PhD or equivalent

Skills/Qualifications

Details in job offer description section

Specific Requirements

Details in job offer description section

Map Information



Leaflet | Map data © Google



WORK LOCATION(S)

1 position(s) available at
University of Minho
Portugal
Braga
4710-057
Campus de Gualtar

EURAXESS offer ID: 714830

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