Deadline: 19/07/2023

Under the terms of Order no. 181/2023, of 04 January, by delegation of powers, the Director of the Faculty of Sciences and Technology of the New University of Lisbon, Prof. Dr. José Júlio Alves Alferes, makes known, by order of 29/05/2023, that, for a period of 15 working days from the day immediately following the publication of this Notice in the Official Journal of the Portuguese Republic, the post of Director of the Faculty of Sciences and Technology of the New University of Lisbon is open. José Júlio Alves Alferes, hereby makes known that, by order dated 29/05/2023, it is open, for a period of 15 working days from the day following the publication of this Notice in the Diário da República, an international call for applications, with internal reference CEEC_IA, for the recruitment of 1 (one) Auxiliary Researcher, under an open-ended employment contract, under the terms of Decree-Law no. No. 57/2016, of 29 August, amended by Law No. 57/2017, of 19 July, under the programme contract to support the development of R&D activities, signed between FCT, I. P. and UNL, in the scientific area of Engineering Sciences and Technologies, namely in Computer Science and Mathematics.

In compliance with paragraph h) of article 9 of the Constitution of the Portuguese Republic, NOVA University of Lisbon, as an employer, actively promotes a policy of equal opportunities between men and women in the access to employment and professional progression, scrupulously taking steps to avoid any form of discrimination.

I – Workplace:

Installations of the Faculty of Sciences and Technology of NOVA University, Caparica Campus.

Department of Informatics, research centre NOVA LINCS - NOVA Laboratory for Computer Science and Informatics.

Department of Mathematics, research centre Centre for Mathematics and Applications (NOVA Math).

II – Activities and Functions:

The selected candidate will perform the functions of Auxiliary Researcher and will carry out the following tasks:

a) Developing research in the disciplinary area of Engineering and Technology Sciences, sub-area Computer and Information Sciences and/or Mathematics, with emphasis on Big Data Analytics, Big Data Engineering, Data Science
b) To participate in the design of research and development programmes translated into projects and applications for external funding

c) To coordinate and guide the execution of research and development projects and services in the specific scientific area;

d) To develop training actions within the area of scientific research

e) To supervise students and participate in the institution's advanced doctoral and master's programmes.

f) To play an active role in promoting international collaborations in the specific scientific area;

g) To play an active role in scientific dissemination activities for the community.

III – Remuneration position:

The definition of the position is based on the salary levels of the categories in Annex I of the Statute of the Scientific Research Career, approved by Decree-Law no. 124/99, of 20 April, in its current wording, corresponding to the 1st salary position, salary level 195, which corresponds to the value of EUR 3,327.76.

IV - Modality and duration of the contract:

1. The opening of the present tender procedure is intended for the selection of a doctoral position for the exercise of scientific research activities under an employment contract for an unspecified resolute term, being the basis for hiring the execution of a determined, precisely defined and non-lasting service, being the hiring compulsorily financed whatever its origin.

2. The open-ended contract will last for the time necessary to execute the project, which is expected to be 2 years, 7 months, or while financing lasts, but cannot exceed the maximum limit provided for in no. 3 of article 6 of Decree-Law no. 57/2016, of 29 August.

V – Candidate admission requirements:

1. In accordance with article 12 of Decree-Law no. 57/2016, of 29 August, the candidate must:

   • Hold a PhD degree in the area of the competition or in related areas.

   • To have a relevant scientific curriculum in the area of the competition.

VI – Application procedure:

1. The application must be completed by filling in the respective application form, which is available at https://www.fct.unl.pt/en/faculdade/concursos/investigadores.

2. The application file should be accompanied by documentation in Portuguese or English.

3. The application should be submitted by e-mail, containing the following documents:

   a) Curriculum vitae of the candidate, organized in accordance with the systematic of point IX of this Announcement, which must contain:
i) The "Researcher ID", "Scopus Author ID" and "Google Scholar ID" identifications;

ii) Research and development activities and all other activities considered relevant to the present tendering procedure, in accordance with the terms of this notice;

iii) Scientific development plan - scientific development plan (max. 2 pages), within the disciplinary area of the competition, according to the activities and functions to be performed, and articulated with the results of their previous scientific activity and professional experience, as well as their academic and professional training;

b) Certificate proving the degree of Doctor in the disciplinary area to which the competition refers;

c) Published works, mentioned in the curriculum vitae, namely the most representative ones, regarding their contribution to the development and evolution of the disciplinary area in which the competition is open;

d) A statement under oath that if the jury chooses to request the documentation indicated in the previous items or any other scientific documentation mentioned in the candidate's curriculum vitae, it shall be delivered within 10 working days;

e) Other documents that the candidates may find relevant for the analysis of their application.

4. If a member of the jury participates who is not fluent in Portuguese, the documents for the candidates' prior hearing and claims that must be assessed by the jury must be presented in English.

VII – Submission of the application:

1. The application documents must be submitted by the 15th working day after the day following the publication of this Notice in the Diário da República.

2. Candidates should submit their application documents in PDF format by e-mail to the following address: div.rh.recruita.ndoc@fct.unl.pt.

VIII - Interview

1. The Jury will decide in the first meeting if it is necessary to interview all the candidates or some of the candidates.

2. The interview has a maximum weight of 10% of the total evaluation.

3. The interview shall aim at clarifying or explaining the elements contained in the candidates' Curriculum Vitae.

IX - Evaluation parameters

1. The present competition is designed to evaluate candidates' capacity and performance in the different parameters under the terms of no. 1 of article 5 of DL no. 57/2016.
2. The curricular evaluation of the various candidates in each of the areas described below shall take into consideration the scientific area in which the competition is open.

3. The parameters to be taken into consideration in the curricular evaluation of the candidates, in each of the strands, are those listed below, referring to the last five years:
   a) Scientific production and quality of scientific, technological work (PQSTW);
   b) Applied or practice-based research activities (ABRA);
   c) Extension and dissemination of knowledge activities (EDKA);
   d) Activities of management of science, technology and innovation programmes (AMSTI);
   e) Quality, feasibility and potential impact of the Scientific Development Plan (QSDP).

X – Reasons for exclusion

The following are grounds for exclusion from admission to the competition:
   a) Incorrectly formalising the application;
   b) Failure to submit the documents required in points V(3)(a) to (d), or their submission is illegible or invalid.

XI – Ranking of candidates

1. The jury shall deliberate on the admissibility of the candidates, by justified roll-call vote, expressed by the formulas Rejected or Approved.

2. Each member of the jury shall make a justified proposal of rejected or approved for each of the candidates.

3. The candidate who obtains the favorable vote of more than half of the members of the jury shall be considered approved.

XII – Voting order and methodology

1. Once the candidates who have passed in absolute merit have been definitively identified, the jury will proceed to their relative ranking.

2. Each member of the jury shall carry out a curricular evaluation of the candidates by presenting a written opinion, to be later included in the minutes, in which they propose the ordering of the candidates duly based on the evaluation criteria indicated in this notice, scoring each candidate for each criterion on a numerical scale from 0 to 100 points.

3. The evaluation criteria indicated shall be weighted as follows:
   a) Scientific production and quality of scientific and technological work (PQSTW) 70%.
      With emphasis on the production of the last five years and the demonstrated capacity to obtain national and international funding;
   b) Applied or practice-based research activities (ABRA): 10%.
With emphasis on activities in the last five years and considered to have the greatest impact by the applicant;

c) Extension and dissemination of knowledge activities (EDKA): 5%.

With emphasis on the activities developed in the last five years, namely in the context of promoting scientific culture and practices, considered of greater relevance by the applicant;

d) Activities of management of science, technology and innovation programmes (AMSTI): 5%.

e) Scientific Development Plan (QSDP): 10%

With emphasis on its quality, feasibility and potential impact.

4. The ordering of the Approved candidates shall be done by a vote of the jury members, respecting the order presented in the opinion referred to in the previous number, under the following terms:

a) The first vote is intended to determine the candidate to be placed first;

b) In the voting referred to in the previous paragraph, if a candidate obtains more than half of the votes to be placed first, he/she shall be ordered in that position;

c) Should the situation referred to in the previous sub-paragraph not occur, a new vote shall be held, only among the candidates who obtained votes for first place, after withdrawing the candidate who received the least votes for that position in the previous vote;

d) If there is more than one candidate to be withdrawn, due to an equal number of votes, with a minimum of one vote each, a vote shall be held only on those candidates in order to determine the candidate to be withdrawn from the following vote; in that vote, each member shall vote, from among the candidates with equal votes, for the candidate occupying the lowest position in the ranking on his or her report;

e) In case of a tie, the tie shall be broken by the tie-breaker vote or casting vote of the jury chairman.

f) Voting shall be repeated until it is determined, by the process previously described, which candidate shall be ranked first. If only two candidates remain and each one obtains half of the votes, the tie-breaker is made through the quality vote of the jury chairperson;

g) Once the candidate for the first place is chosen, he/she is removed from the voting and the entire process is repeated for the second place and so on until the ordered list of all the candidates is obtained.

**XIII – Notifications and Hearing of Interested Parties**

1. A prior hearing shall be held, under the terms of the Administrative Procedure Code, for candidates who have been rejected, and for candidates who have been placed on the ranking list of candidates who cannot be filled for the position open for competition. All the candidates shall be notified of the homologation of the jury's final decision.

2. Notifications shall be made by e-mail.
3. The tender dossier may be consulted by the candidates, in the Human Resources Division of FCT NOVA, under the terms indicated in the above-mentioned notification.

**XIV- Composition of the Jury:**

**Dean**

Doctor João Alexandre Carvalho Pinheiro Leite, Full Professor of Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa, by sub-delegation of powers.

**Members:**

Doctor Arlindo Manuel Lime de Oliveira, Full Professor of Instituto Superior Técnico da Universidade de Lisboa;

Doctor João Alexandre Carvalho Pinheiro Leite, Full Professor of Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa;

Doctor João Manuel Portela da Gama, Full Professor of Faculdade de Economia da Universidade do Porto;

Doctor Mário Alexandre Teles de Figueiredo, Full Professor of Instituto Superior Técnico da Universidade de Lisboa;

Doctor Ana Luísa da Garça Batista Custódio, Associate Professor of Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa.

**XV - Data Protection:**

In accordance with the RGPD - General Data Protection Regulation, the data collected will be processed exclusively for the processing of the application.

And for the record, this notice is published.

NOVA School of Sciences and Technology, Prof. Doctor José Alferes, Dean