

NOVA University of Lisbon**Faculty of Science and Technology****Notice no. 26788-A/2024/2 published in Diário da República, 2nd series, no. 231, 28/11/2024****Deadline: 19/12/2024****Opening of an international open competition for the recruitment of 1 Assistant Researcher
for a scientific research career on a private law basis**

Professor José Júlio Alves Alferes, Director of the Faculty of Science and Technology of NOVA University of Lisbon, under the powers delegated by Order no. 181/2023, of 4 January, makes it known that, by order of de 25/11/2024 of the Rector of NOVA University of Lisbon, Prof. João Sáágua is open, for a period of 15 working days from the day immediately following the publication of this Notice in the Official Gazette, an international documentary competition, with internal reference "Inv.Aux.24-DEEC", for the recruitment of an Assistant Researcher, in the scientific area of **Electrical and Computer Engineering**, with an emphasis on collaborative systems for electronic governance and integrated services, under the terms of an open-ended individual employment contract, in accordance with Law no. 7/2009, of 12 February, which approves the Labour Code, with its successive amendments, and under the terms of Regulation no. 393/2018, of 28 June.

This competition is open under the Stimulus Call for Institutional Scientific Employment - Associated Laboratories - CEEC Institucional LA, funded by the Foundation for Science and Technology I.P., to support the development of R&D activities, signed between FCT, I.P. and UNL, under the terms of the Scientific Employment Regulation (REC), Regulation no. 607-A/2017, of 22 November, as amended, and other applicable national and Community legislation.

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 access to employment and professional progression, scrupulously providing in order to avoid any and all forms of discrimination. In this sense, terms such as "candidate", "selected", "recruited", "hired", "author", "researcher", among others that refer to the people applying for the competition, are not used in this Notice to refer to their gender.

I - Workplace:

The place of work will be at facilities of the Faculty of Science and Technology of NOVA University of Lisbon, located on the Caparica Campus, in the Department of Electrical and Computer Engineering, Centre for Technologies and Systems.

The employee will make all the journeys, in Portugal or abroad, inherent to their duties or necessary to carry out their activity.

II – Main functions and activities:

1. The Assistant Researcher will carry out the following duties:
 - a) Design, development and execution of scientific research work that is aligned with the strategy of CTS, LASI and the sustainable goals of the 2030 Agenda. In this context, the work to be carried out should be centred on advanced collaborative e-governance systems and integrated services aimed at: improving the quality and user-friendliness of services; digital transformation and collaborative provision of integrated services; collaborative networks and AI in public administration; co-conception/co-creation of services; data protection and secure systems;
 - b) Collaborate to ensure successful applications for international and national funding;
 - c) Guide researchers and postgraduate students in research projects on advanced collaborative e-governance systems and integrated services;
 - d) Contribute to the academic community by publishing research results in reputable scientific journals;
 - e) Collaborate with interdisciplinary research teams within the institution and promote external and international collaborations;
 - f) Contribute to training in collaborative systems and electronic governance in the Department of Electrical and Computer Engineering.
2. The vacancy to be filled under this international competition is aligned with the Sustainable Development Goals (SDGs) of the 2030 Agenda: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels (SDG16); Ensure access to inclusive, quality and equitable education and promote lifelong learning opportunities for all (SDG4); Build resilient infrastructure, promote inclusive and sustainable industrialisation and foster innovation (SDG9).

III - Remuneration position and exclusivity:

The Assistant Researcher will receive a gross monthly salary of **3.446,76€**, which is based on the 1st salary position in the category of Assistant Researcher, under the terms of annexes I and II of Regulation no. 393/2018, of 28 June, with the Public Administration salary updates applied.

The Assistant Researcher will be recruited on a full-time basis, which implies renouncing the exercise of any remunerated function or activity, whether public or private, including the exercise of a liberal profession, and the rules set out in article 52 will apply on a full-time basis under private law.

IV – Contracting modality

The recruitment of the Assistant Researcher in the form of an individual open-ended contract will take place under the terms of the Regulation on the careers, recruitment and employment contracts of researchers under an employment contract at NOVA University of Lisbon - Regulation no. 393/2018, of 28 June.

Everything not included in this notice will be referred to Regulation no. 393/2018, of 28 June.

V - Applicant admission requirements

1. Under the terms of the Statute of the Scientific Research Career, approved by Decree-Law no. 124/99, of 20 April (ECIC), as amended, it is a general requirement to hold a doctoral degree and have a relevant scientific curriculum in the area of the competition.
2. National, foreign and stateless candidates who hold a doctoral degree in the scientific area of the competition may apply. If their qualifications were obtained abroad, they must provide proof of recognition, equivalence or registration of the degree, under the terms of the applicable legislation. This formality must be completed by the date the contract is signed.

VI – Application instructions

1. The application must be instructed by filling in the respective application form, which is available at <https://www.fct.unl.pt/faculdade/concursos/investigadores>.
2. The application process must be accompanied by documentation in Portuguese or English.
3. The application should be submitted preferably by email, containing the following documents:
 - a) Certificate proving the Doctor's degree in the disciplinary area to which the competition relates;
 - b) Curriculum vitae of the candidate, which must include:
 - i) The identifications “Researcher ID”, “Scopus Author ID” and “Google Scholar ID”.
 - ii) Research and development activities and all other activities considered relevant to this tender procedure, in accordance with the terms of this announcement.
 - iii) Scientific and technological development plan (max. 10 pages A4).
 - c) Published works, mentioned in the curriculum vitae, namely the most representative ones, with regard to their contribution to the development and evolution of the disciplinary area in which the competition is opened;
 - d) Declaration, under oath, that if the jury chooses to request the documentation indicated in the previous paragraphs or any other scientific documentation mentioned in the candidate's curriculum vitae, it will be delivered within 10 working days;
 - e) Other documents that candidates deem relevant for the analysis of their application.

VII – Presentation of the application

1. The documents supporting the application must be submitted by the 15th working day, counting from the day following the publication of the Notice in the Diário da República.
2. Candidates will submit their application documents, in a single PDF file, by email to the following address: concursos.investigadores@fct.unl.pt.

VIII - Evaluation parameters

1. In this call the candidates' ability and performance will be evaluated in the various parameters under the terms of article 16 of ECIC.
2. The curricular evaluation of the various candidates in each of the parameters described below shall take into consideration the scientific area in which the call is open.
3. The parameters to be taken into consideration in the curricular evaluation of the candidates, in each of the sections, are as follows:
 - a) Quality of Scientific and Technical Work (QSTW);
 - b) Professional Experience and Training (PET);
 - c) Contributions in Scientific Supervision Activities (CSA);
 - d) Participation in Management Bodies (PMB);
 - e) Provision of Services to the Community (PSC);
 - f) Scientific and Technological Development Plan (STDP).

IX - Interview

1. The Jury will deliberate at the first meeting on the need to carry out an interview with all the candidates.
2. The interview, which does not constitute a selection method and is not graded, aims to obtain clarification or explanation of elements contained in the candidates' Curriculum vitae.

X - Classification by absolute merit of candidates

1. In accordance with paragraph 1 of article 27 of the Statute of the Scientific Research Career, approved by Decree-Law no. 124/99, of 20 April (ECIC), the jury will deliberate on the admissibility on absolute merit of the candidates, expressed by the formulas Rejected or Approved.
2. Candidates with an overall curriculum vitae that the jury considers appropriate for the position to be filled will be approved on Absolute Merit, namely the merit of their scientific and technical work, as well as their professional experience and training, compatible with the category and scientific area(s) and sub-area(s) for which the competition is open, always taking into account the following reference criteria for this assessment:
 - a) They have evidence of scientific quality expressed by indexed publications, preference being given to candidates who have a minimum scientific productivity of 10 articles indexed in SCOPUS;
 - b) Have proven experience in collaborative networks, integrated services and artificial intelligence;Research experience in international projects will be valued.
3. The candidate who succeeds in obtaining a favorable vote of more than half of the members of the jury is considered approved on absolute merit.

XI- Ordering and voting methodology

1. Once the candidates who have passed in absolute merit have been identified, the jury will proceed to rank them in relative merit.
2. Each member of the jury shall perform 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 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) Quality of Scientific and Technical work (QSTW): 40%

The relevance of the results obtained by the candidate will be considered, with emphasis on contributions to the advancement of knowledge in the area for which the competition is open and in terms of their quality and quantity, valued for their impact and recognition within the scientific community.

The scientific merit of candidates whose scientific production reveals autonomy and scientific leadership will be valued;

b) Professional Experience and Training (PET): 20%

Participation in relevant scientific projects in the thematic area of the call will be taken into account; the candidate's previous experience and potential for coordinating and actively integrating funded national and international projects and research networks in the area of the call will be considered; Extension and knowledge dissemination activities will be considered;

c) Contributions to Scientific Orientation Activities (CSOA): 10%

Teaching experience in higher education and advanced training courses will be taken into account, namely in supervising undergraduate and postgraduate students (masters, doctorates and post-doctorates) in the scientific area of the call;

d) Participation in Management Bodies (PMB): 5%

Participation and performance in tasks assigned by the management bodies of the institutions to which you have been linked will be taken into account;

e) Provision of Services to the Community (PSC): 10%

The performance of tasks aimed at the economic and social valorisation of knowledge will be considered, namely through the provision of services to the community, authorship of patents/industrial property registrations, knowledge transfer projects, contribution to the creation of spinoff companies.

f) Scientific and technological development plan (STDP): 15%

Career development plan, relating to the lines of research in the area for which the competition is open, to which the candidate proposes to dedicate themselves at the CTS and Associated Laboratory LASI, complying with the following requirements:

- i) Identification of the objectives of the research project they intend to develop, demonstrating the advances that could result from the research in relation to the current state of the art in that area;
 - ii) Systematised and succinct description of the research strategies and methodologies that the candidate proposes to adopt in order to achieve the proposed objectives, the main expected results and the impact that these may have on their career development and on the community;
 - iii) The career development plan may not exceed 10 A4 pages written in 12 pt font size..
4. The ordering of the Approved candidates is done by voting of the members of the jury, respecting the ordering presented in the opinion referred to in the previous number, in the following terms:
- a) The first vote is intended to determine the candidate to be placed in first place;
 - b) In the voting referred to in the previous paragraph, if a candidate obtains more than half of the votes to be placed in first place, he will be ranked in this position;
 - c) If the situation referred to in the previous paragraph does not occur, a new vote is held, only among the candidates who obtained votes for 1st place, after removing the candidate least voted for that place 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 is held only on these candidates to determine the candidate to be withdrawn from the next vote; in this voting, each member will vote, among the candidates with equal votes, for the candidate who occupies the lowest position in the ordering contained in his/her opinion;
 - e) If there is a tie, the tiebreaker is done through the tiebreaker vote or casting vote of the president of the jury, under the terms of paragraph 3 of article 19 of the ECIC.
 - f) Voting is repeated until it is determined, by the procedure described above, which candidate to rank first. If there are only two candidates left and each one of them gets half of the votes, the tiebreaker is done through the casting vote of the president of the jury;
 - g) Once the candidate for first place is chosen, he is removed from the voting and the whole process is repeated for second place and so on until an ordered list of all candidates is obtained.

XII – Notifications and Hearing of Interested Parties

1. There is a prior hearing, under the terms of the Code of Administrative Procedure, of candidates who have been rejected, and of candidates ordered in place of the ordering list of candidates that cannot be provided in the job position in the competition. All candidates are notified of the homologation of the jury's final deliberation.

2. Notifications are made by email.
3. The tender process can be consulted by the candidates, at the Human Resources Division of FCT NOVA, under the terms indicated in the aforementioned notification.

XIII – Jury composition

1. Under the terms of Regulation no. 393/2018, of 28 June, the assessment of applications will be carried out by a jury and will follow the procedure set out in articles 16, 18, 19, 20, paragraphs 1 and 2, 21 to 23, 24, 26 and 27 of the Scientific Research Career Statute (ECIC).
2. Under the terms of Article 19 of the Scientific Research Career Statute, the jury must be composed of a minimum of five and a maximum of nine members:
3. It must include Researchers or Professors not belonging to the Institution for which the competition is open or national or foreign specialists, in a number not less than half minus one of the members of the jury.
4. The members of the competition jury are:

President:

Doctor José Júlio Alves Alferes, Full Professor and Dean of the Faculty of Science and Technology of NOVA University of Lisbon, by delegation of competences.

Vowels:

Doctor Ricardo José Rabelo, Full Professor of Universidade Federal de Santa Catarina;

Doctora Paula Maria Garcia Louro, Coordinator Professor with Aggregation of Instituto Superior de Engenharia de Lisboa do Instituto Politécnico de Lisboa;

Doctor Luís Manuel Camarinha de Matos, Full Professor of Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa;

Doctor José António Barata de Oliveira, Full Professor of Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa;

Doctor Maria Helena da Silva Fino, Associate Professor of Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa;

XIV - 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

November 28, 2024 - The Dean, Prof. Doutor José Alferes