

## NOTICE

**Subject:** International selection tender procedure for the hiring of a PhD under articles 18 and 20 of Decree-Law No. 57/2016, of August 29, as amended by Law No. 57/2017, of July 19.

Under the terms of the provisions of paragraph 2 of Article 11 of Decree-Law No. 57/2016, of 29th August, in its current wording, it is made public that by Rectorial Order of 06 December 2021, the opening of a international selection procedure was authorized for the filling of a PhD position for the exercise of scientific research activities financed by EU funds, under an open-ended employment contract, under the Labor Code, at the Universidade Nova de Lisboa.

1 - The doctoral position, within the scope of the project “Multifunctional Digital Materials Platform for Smart Integrated Applications” – DIGISMART/UNL, with the reference ERC-2017-ADG-787410, has in view the performance of the following functions:

- a) Fabrication and characterization of graphene-based conductive surfaces, obtained from renewable substrates, to apply into physical and chemical sensors;
- b) Synthesis of metal oxides nanostructures and nanoparticles by laser-assisted chemical synthesis, and their characterization, to be used in the fabrication of transistors, memories and electrochromic cells;

2 - General candidacy requirements:

- a) National, foreign and stateless persons holding a PhD in Nanotechnologies and Nanosciences;
- b) Holders of a scientific and professional curriculum vitae that reveals a profile that is appropriate for the activity to be developed.

If the PhD has been conferred by a foreign higher education institution, it must be recognized under the terms of the provisions of Decree Law No. 66/2018, of 16th August and any formalities established therein must be fulfilled by the time the respective employment contract is formalized.

3 - Specific application requirements:

- a) Experience in the processing of nanomaterials and their application in devices;
- b) Experience in material's chemical, optical, electrical, morphological and structural characterization;
- c) Experience on the operation of laser systems
- d) Experience in supervising internships of undergraduate and/or master students;
- e) Previous participation in scientific research projects;
- f) Candidate must have an advanced level of communication in the English language, both spoken and written.

4 - Hiring:



The hiring is made through an employment contract for an uncertain resolutive term under the Labor Code, as a PhD, being remunerated according to salary level 33 of the single remuneration scale (TRU), under the terms of article 5 of Regulatory Decree No. 11-A/2017, of December 29th.

5 - Place of work:

The workplace is located at the premises of the Faculty of Sciences and Technology of the Universidade Nova de Lisboa.

6 - Documents to be attached to the application:

- i) Letter of motivation;
- ii) Detailed curriculum vitae in accordance with the application requirements;
- iii) Copy of a PhD certificate or diploma in Nanotechnologies and Nanosciences;
- iv) Other relevant documents for the evaluation of the suitability of the profile applied for;

7 - Selection methods and weightings:

- a) Curriculum evaluation is expressed on a numerical scale from 0 to 20 with the following weighting:
  - i) Letter of motivation (30%);
  - ii) Detailed curriculum vitae (70 %).
- b) Should the jury consider it necessary, the three best-placed candidates will be called for an individual interview.
- c) In this case, the curricular assessment will have a weighting of 60 % and the interview will have a weighting of 40 %. The final mark for each candidate is the sum of the jury's marks divided by the number of members of the jury.
- d) In case there is no interview, the final classification will be equal to the classification obtained in the curricular evaluation.
- e) In case of a tie, the tie-breaking decision will be made by the jury president.
- f) In accordance with Decree-Law no. 29/2001, of February 3rd, candidates with disabilities have preference in equal classification, which will prevail over any other legal preference.

Candidates must declare in their motivation letter, under oath, their degree of disability, the type of disability and the means of communication/expression to be used in the selection process.

8 - In accordance with article 13 of Decree-Law no. 57/2016, of 29 August, the Jury has the following composition:

President of the Jury - Doctor Elvira Fortunato, Vice-Rector of Universidade Nova de Lisboa;  
1<sup>st</sup> Effective member - Doctor Rodrigo Martins, Full Professor at the Faculty of Sciences and Technology of Universidade Nova de Lisboa ;



2<sup>nd</sup> Effective member - PhD Pedro Barquinha, Associate Professor, Faculty of Sciences and Technology of Universidade Nova de Lisboa;

1<sup>st</sup> Alternate member - Doctor Rui Igreja, Assistant Professor at the Faculty of Sciences and Technology of Universidade Nova de Lisboa;

2<sup>nd</sup> Alternate member - Hugo Águas, Associate Professor at the Faculty of Sciences and Technology, New University of Lisbon.

9 - Notification of candidates:

Applicants are notified by e-mail.

10 - Deadline for applications:

Applications, duly accompanied by the documents referred to in section 6 of this Notice, shall be submitted within 10 working days from the day following the publication of this Notice in Diário da República, and shall be sent by e-mail, indicating the reference in Subject to the e-mail address [cenimat.secretariado@fct.unl.pt](mailto:cenimat.secretariado@fct.unl.pt).

11 - In all matters not expressly provided for in this Notice, the tender procedure is governed by the provisions set forth in Decree-Law no. 57/2016, of 29th August, as amended by Law no. 57/1017 of 19th July, in Regulatory Decree no. 11-A/2017, of 29th December, in the Constitution of the Portuguese Republic and in the Code of Administrative Procedure.

12 - Policy of non-discrimination and equal access:

Universidade NOVA de Lisboa actively promotes a policy of non-discrimination and equal access, whereby no candidate may be privileged, benefited, prejudiced or deprived of any right or exempted from any duty on the grounds of, namely, ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and trade union membership.

