



Public Notice - Associate Professor

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Deadline: 14.07.2017

António Manuel Bensabat Rendas, Rector of Universidade Nova de Lisboa, declares open the international competition, for a period of 30 business days, from the day this notice is published in *Diário da República*, for the position of 1 (one) Associate Professor in the following Scientific Area in the Faculty of Sciences and Technology:

- Materials Science, with emphasis on Nanotechnologies and Nanosciences, specialty in Micro and Nanoelectronics

This is an international application procedure and follows the guidelines stated in article 37 and following of the University Teacher Career Statutes (ECDU) approved by Decree-Law 448/79 of 13th November with the new amendment introduced by Decree-Law 205/2009, 31st of August, amended by Law 8/2010 of the 13th May and the UNL University Teacher Career Application Regulations, n.º 3012/2015, published in *Diário da República*, 2nd series, nº. 58, 24/03/2015.

I – Requirement for admission:

In accordance with the above mentioned Statutes, the application procedure has the following requirements according to article 41 of ECDU:

- a) Doctorate degree (PH.D.) for over 5 years

II – Submission of applications:

Candidates must present the requirements, preferably in digital support from, in person at the Rectory of *Universidade Nova de Lisboa*, located at *Campolide Campus*, 1099-085 Lisboa Portugal, or by post.

The form of available at the Academic Division, and on-line at http://www.unl.pt/sites/default/files/formulario_concursos.doc

The applicants must submit the following documentation, where paragraphs b), c) and d) can be presented in Portuguese or English.

- a) Supporting documents as legally required in I;
- b) 08 copies (print or digital support) of the *Curriculum Vitae* which must include an applicant's "research and teaching statement";
- c) 08 copies (print or digital support) of the publications associated, mentioned in the "research and teaching statement" referred in b);
- d) 08 copies (print or digital support) of a report of an existing or a new course, currently taught, or proposed, by the applicant;

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- e) Internationally recognized certification of Portuguese language skills to a level that allows teaching in portuguese, if the applicant is not a Portuguese national, or is from a country whose official language is not Portuguese or English;
- f) Statement under oath that he/she will deliver within 10 working days in printed form (paper) the documentation listed in paragraphs b), c) and d) or other scientific documents cited in the *Curriculum Vitae* of the applicant, would the jury require it.

III - Evaluation criteria are the following: 1) the scientific merit of the applicant (MC); 2) the teaching merit of the applicant (MP); 3) the educational and scientific merit of the report mentioned in paragraph d) (MPCR) and 4) the merit of other Academic relevant activities to the University Institution (MOAR) that have previously been developed by the applicant.

In evaluating the scientific merit (**MC – 60%**) of applicants, the following indicators will be considered:

- MC1- The scientific production (books, book chapters, journal articles, papers at conferences, patents and other forms of scientific production that are deemed relevant by the jury) in terms of quantity and quality, valued by its impact and recognition among the scientific community. It should be valued the scientific merit of the applicant whose scientific output reveals autonomy and scientific leadership. The scientific production and recognition of the applicant will be evaluated by the quality of journals and venues chosen for publication and the references and citations of his/her work made by other authors.
- MC2- The ability to organize and lead scientific teams, successfully proposed research projects, as well as supervision of advanced education (master, doctoral and post-doctoral students).
- MC3- The national and international scientific recognition revealed by the applicant's *Curriculum Vitae*, examined by several factors, among which the participation in panels of academic examinations performed outside of his/her home institution, the participation in evaluation panels of projects and research centers, the participation in committees of scientific conferences, the establishment and participation in editorial boards of international scientific journals, scientific awards, the participation in research networks and the leadership positions in professional and scientific societies in his/her respective areas of reference.
- MC4- The social and economic impact of scientific activities developed by the applicant. Particular attention will be given to achievements in technology transfer and creation of technology-based companies.

In the evaluation of the teaching merit (**MP – 25%**) of the applicants, the following indicators will be considered:

- MP1- The teaching activity of the applicant, in particular his/her ability to foster and coordinate educational projects, such as the development of new courses, creation and coordination of new programs or curricula, reformulation of existing courses, participation in bodies of

pedagogical management and implementation of projects with impact on teaching and learning.

MP2- The production of teaching materials, such as books, pedagogical related articles and documents, in their various forms, to support students learning.

MP3- The teaching of courses in different types of programs - bachelor, master and doctoral programs, postgraduate courses and summer schools nationally and internationally.

MP4. The quality of teaching activity, supported on objective analysis and data. To this end, the jury may utilize the information provided by applicants, such as reports of educational evaluation conducted by peers and the result of students satisfaction surveys.

In the evaluation of educational and scientific merit of the report that includes the program, the content and the methods (both theoretical and practical) for teaching a course or set of courses related to the disciplinary areas to which the applicant is applying for (**MPCR – 05%**):

- 1) The quality of the report. (Structure, contents relevance, presentation)
- 2) Up to date of the scientific content and the appropriateness of the proposed course organization, including analysis of the impact of future technological developments.
- 3) Up to date of the teaching / learning proposals; the quality of the recommended bibliography and the quality of the corresponding comments.
- 4) The critical analysis of the educational experience in which the applicant was involved.
- 5) A critical analysis of alternative strategies of teaching / learning that were considered.
- 6) The level of innovation introduced.

In evaluating the merit of other activities relevant to the mission of the University Institution (**MOAR – 05%**):

- 1) Participation and performance in the management bodies of institutions where the applicant was previously involved.
- 2) Participation and performance of tasks assigned by the management bodies of institutions to which he/she was bound and which fall under the mission of an university professor.
- 3) Participation and performance of tasks of university services and promotion of science.
- 4) The performance of tasks that value the economic and social advance of knowledge, particularly through services provided to the community.

Merit of Research and pedagogical statement (**MPDCP - 5%**)

The merit of the Research and pedagogical statement, in the individual and institutional perspective, that the candidate intends to develop in the future, in the area of this application.

Each member of the jury conducts its evaluation, scoring each applicant on each criterion on a scale of 0 to 100 points. The weightings of criteria and indicators are shown in the table below:

The scientific merit (MC) 60% (Indicator: MC1 e MC2 – 0 a 70; MC3 e MC4: 0 a 30)

The teaching merit (MP) 25% (Indicator: MP1 e MP2 – 0 a 50; MP3 e MP4: 0 a 50)

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The merit of other activities relevant to the mission of the University Institution (MOAR) 5% - 0 a 100

The evaluation of educational and scientific merit of the report that includes the program (MPCR) 5% - 0 a 100

Merit of Research and pedagogical statement (MPDCP) - 5% - 0 a 100)

IV- Committee:

President: Doutor **JOÃO PAULO SEREJO GOULÃO CRESPO**, Vice-Rector of UNL, by delegation of Rector;

Members:

Doutor **JOSÉ DE ALBUQUERQUE EPIFÂNIO DA FRANCA**, Full Professor of Instituto Superior Técnico da Universidade de Lisboa;

Doutor **JOSÉ ALFREDO RIBEIRO DA SILVA MATOS**, Full Professor of Faculdade de Engenharia da Universidade do Porto;

Doutor **MANUEL ANTÓNIO COTÃO DE ASSUNÇÃO**, Full Professor of Universidade de Aveiro;

Doutor **JOSÉ HIGINO GOMES CORREIA**, Full Professor of Escola de Engenharia da Universidade do Minho;

Doutor **RODRIGO FERRÃO PAIVA MARTINS**, Full Professor of Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa;

Doutora **ELVIRA MARIA CORREIA FORTUNATO**, Full Professor of Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa;

Doutora **PAULO DA COSTA LUÍS DA FONSECA PINTO**, Full Professor of Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa.

V-Selection Process

1. After the deadline for applications, the Committee meets for assessing and ranking the candidates.
2. After the answers of the candidates excluded and respective decision, or if the admission of all candidates, the Committee will evaluate and ordering the same, according to the criteria mentioned in III, and following of article. 16 of University Teacher Career Application Regulations.

The jury will admission of candidates with final ranking in absolute merit equal to or greater than 50, or to exclusion when they have final grade below 50.



3. In the case of exclusion of some candidates, will be conduct the preliminary hearing, in accordance with Article 122 of the Code of Administrative Procedure.
4. On the basis of marks obtained in accordance with paragraph. III, each jury member presents a written document, which will be annexed to the minutes, with her proposal for the ranking of the candidates;
5. The ranking of candidates is made by vote of the members, respecting the order presented in this document in the preceding paragraph, in accordance with paragraph. 11 al. a) to f) of article 16 of University Teacher Career Application Regulations.

VI – Pursuant to subparagraph h) of the article 9 of the Constitution, the Portuguese State, as employer, actively promotes a policy of equal opportunities among men and women in the access to employment and career development, and takes scrupulous measures to avoid every form of discrimination.

Rectory of New University of Lisbon, Prof. António Manuel Bensabat Rendas, Rector.