

English version

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Unique identifier:

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1. Descrição do cargo/posição/bolsa 1. Job description

Job:

Notice for International Call to hire a PhD Researcher

Job/Fellowship Reference: PTDC/ECI-EST/31046/2017 - #NOVAID47

Main research field: Engineering

Sub research field: Civil engineering

Job summary:

By decision of the Board of Directors, NOVA.id.FCT - Associação para a Inovação e Desenvolvimento da FCT ("NOVA.id.FCT") opens an international call to hire a PhD Researcher, with the internal reference "#NOVAID47", under a unfixed term employment contract to conduct research activities in the field of Civil Engineering – Structures in the scope of the *PROTEDES - Proteção de Edifícios Estratégicos Contra Explosões - Protection of Strategic Buildings Against Blast actions*(PTDC/ECI-EST/31046/2017), financed by "Fundação para a Ciência e Tecnologia, I.P." / OE.

Job description:

1. Type of contract and applicable legislation

The hiring of the PhD Researcher shall be made by means of an Unfixed Term Employment Contract entered into in accordance with the Portuguese Labour Code approved by the Law no. 7/2009 of February 12th, as amended. The contract should have a forecasted duration of 30 months, and should not be extended further than the project duration. The contract should begin in April 2019.

The present hiring procedure is further governed inter alia by Decree-law no. 57/2016 of July 19th, as amended by the Law no. 57/2017 of August 29th and Regulatory decree no. 11-A/2017 of December 29th.

2. Main attributions and activities and exclusivity

The PhD Researcher shall be an active participant in all the project activities, namely in the robustness analysis, development of protection and strengthening solutions of structures, development of damage reduction solutions for buildings, including experimental and numerical work, and writing of scientific papers and reports.

The PhD Researcher shall fully devote the whole of his/her professional activity to NOVA.id.FCT, on an exclusive basis.

3. Place of work

The PhD Researcher's working place shall be at the premises of Faculty of Science and Technology, Universidade Nova de Lisboa located at the Campus of Caparica and he/she shall travel, in Portugal or abroad, as required by his/her attributions or as necessary for his/her activity.

4. Monthly remuneration

The PhD Researcher shall earn a monthly remuneration in the gross amount of €2.128,34 by reference to the 1st grade of the salary scale, pursuant to number 2 of Article 15 of Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August, and Regulatory Decree no. 11-A / 2017, of December 29.

5. Admission Requirements

Applicants to this call may be national, foreign or stateless candidates holding a PhD degree in the field of Civil Engineering – Structures, legally valid and/or recognized in Portugal and complying with the following specific:

- a. Experience in experimental testing and numerical simulation of dynamic actions (with emphasis on blast and seismic loading) on reinforced concrete and/or masonry structures;
- b. Strong record in producing papers, in english language, in international journals and international conferences, indexed in Scopus and/or ISI.

6. Evaluation of the Applications and Composition of the Jury

Applications shall be subject to evaluation by a jury that shall follow the procedure established in articles 13 and 14 (by virtue of article 19) of Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August.

Pursuant to Article 13 of Decree-Law no. 57/2016 the jury is composed of the following members:

- *Chairman*: Válter José da Guia Lúcio
- *Member*: Corneliu Cismasiu;
- *Member*: Filipe Pimentel Amarante dos Santos;
- *Substitute Member*: Eduardo Soares Ribeiro Gomes Cavaco;
- *Substitute Member*: António Manuel Pinho Ramos.

7. Selection criteria

The selection of the successful candidate will be carried out through the evaluation of the scientific and curricular achievements as established by Decree-Law no. 57/2016 of 19 July, as amended by Law no. 57/2017 of 29 August and the selection criteria and their respective weighting shall be as follows:

- a) Experience in experimental testing and numerical simulation of dynamic actions (with emphasis on blast and seismic loading) on reinforced concrete and/or masonry structures (55%);
- b) Papers published in international journals and international conferences, indexed in Scopus and/or ISI (35%);
- c) Quality of the Interview (10%).
The interview will be done only to the candidates with classification higher than 80 % in the first two criteria.

8. Final Decision

The final deliberation of the jury shall be homologated by the ultimate governing body of NOVA.id.FCT that is also responsible for the decision of hiring.

The list of admitted and excluded candidates and the final list of classification will be publicized on the website of NOVA.id.FCT (www.novaidfct.pt) and sent by electronic mail with receipt of delivery to all candidates.

9. Submission of Applications

Applications must be submitted between 31/1/2019 and 15/2/2019, by email, addressed to vjgl@fct.unl.pt and containing a single PDF file with the following documents in Portuguese or English languages: Motivation Letter and Curriculum Vitae.

10. Non-discrimination and equal access policy

NOVA.id.FCT actively promotes a non-discrimination and equal access policy, reason for which no candidate can be benefited, prejudiced or deprived of any duty, namely age, sex, disability, sexual orientation, chronic illness, nationality, ethnic origin or race, religion or political beliefs.

Monte da Caparica, 24 de janeiro 2019

Vacant posts: 1**Type of contract:** Information not available**Job country:** Portugal**Job city:** Caparica**Job company/institute:** NOVA.id.FCT - Associação para a Inovação e Desenvolvimento da FCT**Application deadline:** 15 Fevereiro 2019
(The Application's deadline must be confirmed on the Job Description)[↑ Top of page](#)**2. Dados de contactos da organização**
2. Organization contact data**Organization/institute:** NOVA.ID.FCT - Associação para a Inovação e Desenvolvimento da FCT**Address:**
Universidade Nova de Lisboa - Campus de Caparica
Caparica - 2829-516
Portugal**Email:** coord@novaidfct.pt**Website:** <http://www.novaid.fct.unl.pt/>[↑ Top of page](#)**3. Habilitações académicas**
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