

English version

THE RESEARCHER'S MOBILITY PORTAL • PORTUGAL



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English

Português

#### 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/30511/2017 - #NOVAID42

**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 "#NOVAID42", under a unfixed term employment contract to conduct research activities in the field of Civil Engineering – Structures in the scope of the *HiPerSlab - Melhoria do Comportamento Estrutural de Lajes Fungiformes Sujeitas a Ações Horizontais Cíclicas e Sísmicas Através da Utilização Racional de Betões de Elevado Desempenho Reforçados com Fibras - Enhancement of the Structural Behaviour of Flat Slabs under Cyclic and Seismic Actions through the Rational Use of High Performance Fibre Reinforced Concrete*(PTDC/ECI-EST/30511/2017), 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 in accordance with the Portuguese Labour Code approved by the Law no. 7/2009 of February 12<sup>th</sup>, 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 19<sup>th</sup>, as amended by the Law no. 57/2017 of August 29<sup>th</sup> and Regulatory decree no. 11-A/2017 of December 29<sup>th</sup>.

#### 2. Main attributions and activities and exclusivity

The PhD Researcher shall be an active participant in all the project activities, namely the material study and development (Ultra High Performance Concrete – UHPC) to be used on the flat slab specimens to be tested, supporting the experimental campaign, analysing the results 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 1<sup>st</sup> 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 work on reinforced concrete (RC) structures, with emphasis in testing RC structures under cyclic and seismic actions. Special emphasis in experience with flat slab structures;
- b. Experience in numerical modelling of RC structures;
- c. Strong record in producing papers, in English language, in international journals and international conferences, indexed in Scopus and/or ISI, on the previous described areas.

#### 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: António Manuel Pinho Ramos
- Member: Válter José da Guia Lúcio;
- Member: Rui Pedro César Marreiros;
- Substitute Member: Carla Alexandra da Cruz Marchão;
- Substitute Member: Sandra Conceição Barbosa Nunes.

#### 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 work on reinforced concrete (RC) structures, with emphasis in testing RC structures under cyclic and seismic actions and in numerical modelling of RC structures (55%);
- b) Papers published in international journals and international conferences, indexed in Scopus and/or ISI (35%), on the previous described areas;
- 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](http://www.novaidfct.pt)) and sent by electronic mail with receipt of delivery to all candidates.

#### 9. Submission of Applications

Applications must be submitted between 16/01/2019 a 29/01/2019, by email, addressed to [ampr@fct.unl.pt](mailto:ampr@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.

**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:** 29 Janeiro 2019  
(The Application's deadline must be confirmed on the Job Description)

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## 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](mailto:coord@novaidfct.pt)

**Website:** <http://www.novaid.fct.unl.pt/>

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## 3. Habilitações académicas 3. Required education Level

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## 4. Línguas exigidas 4. Required languages

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## 5. Experiência exigida em investigação 5. Required research experience

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