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Post Research Opportunities

Unique identifier:

English

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

Job:

Research grant for MSc

Job/Fellowship Reference: UID/ECI/0429/2013-UM.6.15

Main research field: Engineering

Sub research field: Civil engineering

Job summary:

The position for 1 (one) research grant at University of Minho (Doctoral Programme in Civil Engineering) is offered by Institute for Sustainability and Innovation in Structural Engineering, ECI/04029, with the financial support of FCT/MEC through national funds and when applicable co-financed by the FEDER under the PT2020 Partnership Agreement.

Job description:

The position for 1 (one) research grant at University of Minho (Doctoral Programme in Civil Engineering) is offered by Institute for Sustainability and Innovation in Structural Engineering, ECI/04029, with the financial support of FCT/MEC through national funds and when applicable co-financed by the FEDER under the PT2020 Partnership Agreement.

Scientific area: Civil Engineering or related fields of science.

Admission requirements:

Applicants must be a MSc holder in Civil Engineering or related fields of science, such as Electronical Engineering or Biological Engineering for selected research subjects, with a minimum grade of 15/20 (Portuguese scale), 110 e lode (Italian scale) or 75% or equivalent (other country scales). This grade should be calculated as the weighted average of the BSc and MSc (using the number of years of each degree), if the candidate does not hold an integrated field of studies.

Work plan: Candidates will carry out their research in one of the following subjects: (a) Biostabilization of soils by enzymatic calcium carbonate precipitation; (b) Bio-inspired structural health monitoring systems for civil engineering structures; (c) Risk management of offshore structures based on reliability structural assessment. The candidates should

indicate in their application a maximum of two subjects where they wish to carry out research.

Legislation and regulations: Law-Decree No. 40/2004, from August 18 (Research Grant Holder Statute); Portuguese FCT Regulation for Research Studentships and Fellowships, I.P. - 2015. (<http://www.fct.pt/apoios/bolsas/regulamento.phtml.en>).

Local of work: Research Unit ISISE - Institute for Sustainability and Innovation in Structural Engineering, University of Minho, Portugal, for 2/3 of the period, and, University of Coimbra, for 1/3 of the period, under the scientific orientation of at least one PhD researcher from University of Minho and one PhD researcher from University of Coimbra.

Duration of the grant: The grant will have a duration of 12 (twelve) months, starting after 1st December 2015, being possible to have a renewal twice for an equal period of 12 months, up to two additional years.

Monthly grant: €980,00 (tax free), according to the stipends values of the grants awarded directly by the FCT in Portugal, see <http://www.fct.pt/apoios/bolsas/valores.phtml.en>.

Selection criteria: evaluation of CV (weight of 50%) and interview (weight of 50%) for candidates obtaining the minimum of score of 15/20 in the evaluation of the CV, in a scale from 0 to 20. The evaluation of the CV will take into account the previous combined BSc/MSc grades (weighted by 70%), as well as the professional and scientific experience (weighted by 30%). Candidates obtaining a score lower than 16/20 in the interview will not be considered in the final ranking.

Selection committee: President, Professor Paulo José Brandão Barbosa Lourenço, University of Minho; Members: Professor Luís Alberto Proença Simões da Silva, University of Coimbra, and Professor José Manuel de Sena Cruz, University of Minho. Reserve Members: Joaquim António Oliveira de Barros, University of Minho, and Carlos Alberto da Silva Rebelo, University of Coimbra.

Form of advertising / notification of results: Final results will be announced through a list sorted by the obtained score sent to candidates by e-mail

Application deadline and submission: the grant application is open from 19 October to 11 November of 2015.

Applications should be formalized by sending an application letter accompanied by the following documents: i) a letter of motivation, including the preference of the maximum of two subjects where they wish to carry out research, as 1st preference and (possible) 2nd preference; ii) Curriculum Vitae, dated and indicating the e-mail address to which notifications of the selection process should be made; iii) photocopy of the National Identity Card or Passport; iv) certificate of all obtained degrees with final grade (originals will be required for the selected candidate), which can be written in Portuguese, English, Spanish, French, Italian, or must be a legal sworn translation in English; v) other elements considered of interest to the process.

Applications should be sent by email to Secretary of ISISE (sec-centros@civil.uminho.pt) or delivered personally during office hours (9h00/13h00 - 14h00/18h00) at the following address: Department of Civil Engineering, School of Engineering, University of Minho, Campus of Azurém, Guimarães, Portugal.

Vacant posts: 1

Type of contract: Information not available

Job country: Portugal

Job city: Guimaraes

Job company/institute: Universidade do Minho

Application deadline: 11 Novembro 2015

(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: ISISE - Institute for Sustainability and Innovation in Structural Engineering

Address:

Universidade do Minho - Dep. de Engenharia Civil - Campus de Azurém
Guimarães - 4800-058
Portugal

Email: isise@civil.uminho.pt

Website: <http://www.isise.net>

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3. Habilitações académicas
3. Required education Level

Empty

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4. Línguas exigidas
4. Required languages

Empty

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5. Experiência exigida em investigação
5. Required research experience

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