

Announcement for Grant assignment

The University of Coimbra offers one research grant to work on the Project SUSpENsE - Sustainable built Environment under Natural Hazards and Extreme Events (CENTRO-01-0145-FEDER-000006), financed by Fundo Europeu de Desenvolvimento Regional (FEDER), Programa Operacional Regional do Centro (CENTRO2020), under the following conditions:

Number of grants: 1

Type of activity: Analytical work of characterization and analysis of materials using the following techniques available at the TAIL-UC technological platform: X-Ray Diffraction (XRD), Scanning Electron Microscopy (SEM), Atomic Force Microscopy (AFM), Differential Scanning Calorimetry and Thermogravimetry (DSC/TG), Cryogenics, Magnetometry and Physical Properties Measurement (structural, electrical and magnetic) at low temperatures. Calibration and maintenance work of the above mentioned equipment).

Financial support: European Regional Development Fund (FEDER), through the Regional Operational Program of the Center (CENTRO2020) and Own Revenues of the University of Coimbra.

Applicant profile: MSc. in Physics, Physics Engineering

Location: Technological platform TAIL-UC, Physics Department, Faculty of Science and Technology, University of Coimbra

Duration: 12 months

Renewal: Eventually renewable, if agreed between the two parties, not exceeding the end date of the project.

Scientific Orientation: Prof. Doctor João Manuel de Sá Campos Gil e Prof. Doctor José António de Carvalho Paixão

Financial Condition: The amount of the Monthly maintenance allowance is €980 (<http://www.fct.pt/apoios/bolsas/valores>), paid at the end of each month by bank transfer, plus social security (voluntary social insurance, first level contributions) and a personal accidents insurance. The scholarship amount will not increase throughout the period of its duration.



UNIVERSIDADE DE COIMBRA

Activity conditions: The attribution of the scholarship does not generate or entitle a relation of a legal-labour nature, it is undertaken in an exclusive dedication regime and the fellow is granted with the Fellow Statute of the University of Coimbra, according to the Regulation of Research Grants of the University of Coimbra FCT Regulation for Studentships and Fellowships - 2015, both in their latest version..

Selection method: Curricular Evaluation (50%) and Interview (50%).

Selection and attribution criteria: Regarding the Curricular Evaluation, the following criteria will be taken into account:

- (i) Proven experience in the following material analysis techniques: X-Ray Diffraction (XRD), Scanning Electron Microscopy (SEM), Atomic Force Microscopy (AFM), Differential Scanning Calorimetry and Thermogravimetry (DSC/TG), Cryogenics, Magnetometry and Physical Properties Measurement (structural, electrical and magnetic) at low temperature (20%);
- (ii) Motivation and Recommendation letters (10%);
- (iii) Absolute merit of the curriculum vitae – (20%)

Formalization of the application: The applications forms must contain: letter of application, certificate of qualifications, Curriculum Vitae and other elements considered important and relevant.

Submission of the application: The applications forms must be sent, by E-mail, to: jap@fis.uc.pt; luiss@dec.uc.pt; mmrodrigues@dec.uc.pt

Composition of the selection jury: Prof. Doctor João Manuel de Sá Campos Gil, Prof. Doctor José António de Carvalho Paixão e Prof. Doctor Manuela Ramos Marques da Silva

Deadline for application: 2017 may 9 to 22

Publication date: 8-5-2017

Application deadline: 22-5-2017

Additional information: The results of the evaluation will be announced up to 90 working days from the deadline for submitting applications, by sending a communication to the candidates via electronic mail. Following the disclosure of the results, candidates will be notified if they wish to speak at a prior hearing within a maximum period of 10 business days after that date. After this deadline, the selected candidates will have to declare in writing their acceptance and communicate the effective start date of the scholarship. Unless the justifiable justification is presented, the absence of the declaration within



UNIVERSIDADE DE COIMBRA

the aforementioned period amounts to a waiver of the scholarship. In case of resignation or withdrawal of the selected candidate, the immediately best candidate will be notified.