



## CALL FOR AWARDING RESEARCH FELLOWSHIPS WITHIN PROJECT GRANTS AND R&D INSTITUTIONS

### One fellowship (BI-Mestre) in the frame of “Radiometric dating of metals” project (EXPL/EPH-ARQ/1015/2013)

One fellowship for BI-Mestre is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, for the project: “Radiometric dating of metals” (EXPL/EPH-ARQ/1015/2013), financed by national funds by FCT / MEC (PIDDAC) under the *All Scientific Domains-2013*, under the following conditions:

1. **Scientific Area:** Physics, Physics Engineering
2. **Requirements for admission:** Physics, Physics Engineering. Master degree. Factors preferred: some previous laboratory experience, knowledge of nuclear physics and Geant code. Good knowledge of English and programming.
3. **Work plan:** The grant holder will be involved in the characterization of metals by means of: alpha spectrometry and ion beam analysis techniques. Radiation simulations using Geant code will be performed including experimental geometry and detector response of the experiments.
4. **Legislation framework:** A fellowship contract will be celebrated according to the regulations defined by FCT “Regulations for Advanced Training and Qualification of Human Resources”, in accordance with Law 40/2004, of 18 August, as amended and republished by Decree-Law No. 202/2012 of 27 August, and as amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of 9 July. And also by the FCT, I.P. Fellowships Regulation of 2013 approved by Regulation No. 234/2012, of June 25, as amended by Regulation No 326/2013 of 27 August 2013, in force ([www.fct.pt/apoios/bolsas/regulamento.phtml](http://www.fct.pt/apoios/bolsas/regulamento.phtml))
5. **Place of work:** The work will be developed at Campus Tecnológico e Nuclear /Instituto Superior Técnico under the scientific guidance of Doutor João Duarte Neves Cruz.
6. **Fellowship duration:** This position is opened for 4 months and will begin on March 1st, 2015, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P. - 2013.
7. **Monthly allowance:** The fellowship amounts to € 980, according to table values of the fellowships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).  
The fellowship holder will have a personal accident insurance and, if not covered by any social protection scheme can ensure the right to social security through adherence to the voluntary social insurance scheme, pursuant to Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social.  
The fellowship will be paid monthly by bank transfer.
8. **Selection method:** Candidates will be assessed by the quality of their CV (40%), laboratory experience on dedicated scientific areas (30%), scientific motivation/working plan (20%). Eventually, an interview for pre-selected candidates could be needed (10%).
9. **Selection Committee:** President of the jury: Doutor João Duarte Neves Cruz; members: Doutora Victoria Corregidor; Doutora Elin Figueiredo.
10. **Publication/notification of results:** The final results of the evaluation will become public, through alphabetically ordered list which will be posted at the entrance hall of the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, located at the Faculdade de Ciências da Universidade de Lisboa, C1 bdg – 3<sup>rd</sup> floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by e-mail or phone call.
11. **Deadlines:** This call for applications is open from 13 to 26-February 2015.



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12. **Application:** Applications may be sent via e-mail to [jdc@fct.unl.pt](mailto:jdc@fct.unl.pt), by attaching the following documents: Curriculum vitae, detailed certificate document(s), motivation letter, reference letters or at least one reference contact and other documents considered relevant).

Applications may also be sent by mail to:

Dr. João Cruz,  
Departamento de Física,  
Faculdade de Ciências e Tecnologia,  
2829-516 Caparica  
Portugal