



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

1 Post-Doctoral Research Fellowship (BPD)

1 Research Fellowship for a PhD holder is open at **Fundação da Faculdade de Ciências da Universidade de Lisboa F.P. (FFCUL)**, for project ASTARTE (Assessment, Strategy and Risk Reduction for Tsunamis in Europe, <http://www.astarte-project.eu>, FP7-ENV2013 6.4-3) / Instituto Dom Luiz, GA-603839, co-financed by the European Commission under the Seventh Framework Programme, under the following conditions:

1. **Scientific Area:** Seismology
2. **Requirements for admission:** PhD in seismology or geophysics, solid background in computation, physics and mathematics, interest for risk reduction, real-time algorithms, and operational seismology.
3. **Work plan:** The research assistant (RA) will implement algorithms for real-time analysis of earthquakes at IPMA, namely algorithms that perform moment tensor inversion, centroid determination and finite-fault parameter estimation (e.g. KIWI, ISOLA). The RA may also contribute to the implementation of real-time algorithms that evaluate the tsunamigenic potential of an earthquake based on seismic data.
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, in force (<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>) and FFCUL's Fellowship Regulation, as approved on 22nd December 2014.
5. **Place of work:** The work will be developed at Instituto Dom Luiz / Departamento de Engenharia Geográfica, Geofísica e Energia da Faculdade de Ciências da Universidade de Lisboa and at Instituto Português do Mar e da Atmosfera under the scientific guidance of Dr Susana Custódio and Eng. Fernando Carrilho.
6. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2015. The fellowship contract may be renewed eventually until the end date of the project, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
7. **Monthly allowance:** The fellowship amounts to € 1495, 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 (30%) and fit between profile of the applicant and outlined workplan (70 %). On a second phase, the jury will interview the top candidates. The final classification will be given by the documental evaluation as described before (60%) and the interview (40%). The jury will conduct interviews as needed.





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9. **Selection Committee:** Dr Susana Custódio (president of the jury), Prof Luis Matias (member of the jury), Prof Graça Silveira (member of the jury). Prof Paula Teves Costa (alternate member of the jury).
10. **Publication/notification of results:** The final results of the evaluation will become public, through ordered list (by final grade obtained) 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 bldg – 3rd floor, Campo Grande, 1749-016 Lisboa. All candidates will be notified of the results of the selection procedure by e-mail.
11. **Deadlines:** This call for applications is open from 4/September/2015 to 10/September/2015.
12. **Application:** Applications may be sent via e-mail to susanacustodio@campus.ul.pt , by attaching the following documents: Statement of research, Curriculum vitae, certificates of academic degrees, contacts of two supervisors willing to provide references.

