



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

One Post-Doctoral Fellowship

One Post-Doctoral Fellowship is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, at the project de I&D "Nonlinear dynamics of ODEs with Applications", PTDC/MAT/113383/2009, financed by national funds by FCT / MEC (PIDDAC) under the program All Scientific Domains, under the following conditions:

1. **Scientific Area:** Ordinary Differential Equations
2. **Requirements for admission:** Required education level is a PhD in Mathematics, preferably recent PhD degree, but senior candidates with a good record are also welcome.
3. **Work plan:** The suitable candidate is called to collaborate on one (or, possibly, more) of the following topics related to the research project entitled "Nonlinear Dynamics of ODE's with applications". Such topics are:
 - Boundary value problems in \mathbb{R}^n , (scientific supervision: Alessandro Margheri, Carlota Rebelo)
 - Population dynamics and epidemiological models (scientific supervision: Alessandro Margheri, Carlota Rebelo)
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; Fundação para a Ciência e a Tecnologia, I.P. Fellowships Regulation of 2012.
5. **Place of work:** The work will be developed at Faculdade de Ciências da Universidade de Lisboa (Centro de Matemática e Aplicações Fundamentais). The scientific guidance will be determined by the task addressed, accordingly with the work plan.
6. **Fellowship duration:** This position is initially opened for 3 months and will begin on September 2013 at an agreed date after. The grant contract may be renewed to more 6 months, until one total duration the 9 months.
7. **Monthly allowance:** The fellowship amounts to € 1495, according to table values of the scholarships awarded directly by the FCT, IP. (<http://www.fct.pt/apoios/bolsas/valores>).
The grant 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 scholarships will be paid monthly by bank transfer
8. **Selection method:** Applicants should send a detailed CV (55%) 3 referees' recommendations, including former supervisor (25%) and a motivation letter (10%). The evaluation panel requires an interview with candidates, possibly by Skype (10%). The successful candidate may be asked to collaborate in teaching activities related to his or her research area.
9. **Selection Committee** Presidente: Alessandro Margheri. Vogais: Luis Sanchez, Carlota Rebelo



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10. **Publication/notification of results:** The final results of the evaluation will become public, through an 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 bldg – 3rd floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by e-mail.
11. **Deadlines:** This call for applications is open from 13/8/2013 to 28/8/2013
12. **Application:** Please, send all documents in **one PDF file** by e-mail to margheri@ptmat.fc.ul.pt with copy to mcgoncalves@fc.ul.pt, under the subject "Bolsa PD do projecto PTDC/MAT/113383/2009"