

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

One Fellowship, Post-Doctoral

One Fellowship, Post-Doctoral, is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa, F.P. (FFCUL)**, for the project "From Stochastic Geometric Mechanics to Mass Transportation Problems" (PTDC/MAT-STA/0975/2014) financed by national funds by FCT / MCTES (PIDDAC) under the programme in all Scientific Domains under the following conditions:

1. **Scientific Area:** Mathematic
2. **Requirements for admission:** PhD in Mathematics or equivalent.
Candidates must show very strong research promise in (at least) one of the relevant topics for the project: Geometric methods in Stochastic Analysis; Stochastic Geometric Mechanics; Optimal Transport.
3. **Factors preferred:** PhD preferably obtained after the 1 January 2013.
4. **Work plan:** *To develop research in the abovementioned topics.*
5. **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.
6. **Place of work:** The work will be developed at Group of Mathematical-Physics of the University of Lisbon., Faculdade de Ciências da Universidade de Lisboa, under the scientific guidance of Professor Ana Bela Cruzeiro.
7. **Fellowship duration:** This position is initially opened for 6 months and will begin on October 2017. The fellowship contract may be renewed to more 6 months, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P.
8. **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.
9. **Selection method:** Candidates will be assessed by the quality of their CV (70 %) and the proximity of their research interests with the aims of the project (30 %). Candidates ranked higher than 8/10 will be interviewed; in the case of EU non residents the interview can be done via skype.
10. **Selection Committee:** Professors Ana Bela Cruzeiro (President), Jean-Claude Zambrini, Marc Arnaudon and Christian Léonard.
11. **Publication/notification of results:** The final results of the evaluation will become public, through ordered list *final grade obtained* which will be posted at the entrance hall of the **FFCUL**, 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*.

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12. **Deadlines:** This call for applications is open from 23 December 2016 to 28 February 2017.

13. **Application:** Applications may be sent via e-mail to anabelacruz@math.tecnico.ulisboa.pt, by attaching the following documents: Curriculum Vitae including list of publications, PhD Thesis abstract, a research statement (max 1000 word) and a zipped file with PhD Thesis, reprints and preprints.

Two letters of recommendation should also be sent directly to the same address by the person providing the reference.

Applications may also be sent by mail to abcruz@math.tecnico.ulisboa.pt.