



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

### One Research Fellowship for PhD

One Research Fellowship for PhD is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa, F.P. (FFCUL)**, for the project/R&D institution “Centro de Matemática, Aplicações Fundamentais e Investigação Operacional (CMAF-CIO)”; MAT/04561, with financial support provided by the FCT/MCTES through National funds, under the following conditions:

1. **Scientific Area:** Operations Research
2. **Requirements for admission:** Applicants must hold a Ph.D. in Operations Research, Engineering or Computer Science. They must have published a minimum of 2 articles in Journals belonging to Q1 (first Quartile) of one of their categories in Thomson Reuters Journal Citation Reports (year 2015). Good verbal and written communication skills in English are expected.
3. **Factors preferred:** Mathematical Programming skills for modeling and solving planning and/or scheduling problems from industry. Knowledge of mixed-integer linear, mixed-integer nonlinear and generalized disjunctive programming. Experience in using software GAMS.
4. **Work plan:** Applicants must submit a research plan on the topic of optimization models for solving planning and scheduling problems from industry.
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 22<sup>nd</sup> December 2014.
6. **Place of work:** The work will be developed at CMAF-CIO within the research group Operations Research, supervised by Dr. Pedro Castro (<https://ciencias.ulisboa.pt/perfil/pmcastro>).
7. **Fellowship duration:** This position is initially opened for a period of 6 months, beginning no earlier than February 15, 2017. The fellowship contract may be renewed within the project deadline, 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 (50%), quality of research proposal (30%) and matching of the proposal with host research activity (20%). During the selection procedure, candidates may be asked to be interviewed (possibly via conference call).



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10. **Selection Committee:** Chairman: Luis Eduardo Neves Gouveia; Member 1: Pedro Miguel Gil de Castro; Member 2: Francisco Saldanha da Gama, Substitute Member: Ana Paias.
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 – 3<sup>rd</sup> floor, Campo Grande, 1749-016 Lisboa, and the selected candidate will be notified by *e-mail*.
12. **Deadlines:** This call for applications is open from January 2, 2017 to January 20, 2017.
13. **Application:** Applications may be sent via e-mail to [cmficio@ciencias.ulisboa.pt](mailto:cmficio@ciencias.ulisboa.pt) by attaching the following documents: Curriculum vitae including list of publications (max 3 pages), copy of Ph.D. certificate, motivation letter (1 page), research plan (max 2 pages). In addition, two reference letters from senior researchers must be sent directly to the same e-mail address. Documents must be named as cv.name.surname.or, phd.name.surname.or, letter.name.surname.or, rp.name.surname.or