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

One Post-doctorate Fellowship

One post-doctorate Fellowship for Doctorate is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa, F.P. (FFCUL)**, for the project **SAT-Based Techniques for Automated Graph Construction**, AGREEMENT No. 15-004, co-financed by the **UNITED TECHNOLOGIES RESEARCH CENTRE IRELAND, LIMITED**, under the following conditions:

1.   **Scientific Area**: Propositional Satisfiability and Satisfiability Modulo Theories

2.   **Requirements for admission**: PhD degree. Expertise in Propositional Satisfiability (SAT) and Satisfiability Modulo Theories (SMT). Knowledge of Constraint Programming in non-Boolean domains.

3.   **Factors preferred**: Evidence of work in the areas of SAT and SMT, preferably with published papers in international conferences and journals in the areas of SAT and SMT.

4.   **Work plan**: The workplan is attached.

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 LASIGE, Faculdade de Ciências da Universidade de Lisboa, under the scientific guidance of Professor João Marques Silva.

7.   **Fellowship duration**: This position is initially opened for 12 months and will begin in January 2016. The fellowship contract may be renewed to more 12 months, or 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.

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 %) and an interview (50%).

10.   **Selection Committee**: Prof. João Marques Silva (President), Prof. Vasco Vasconcelos (Member), Prof. Antónia Lopes (Member).

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 bdg – 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 16/12/2015 to 23/12/2015.

13. **Application:** Applications may be sent via e-mail to jpms@ciencias.ulisboa.pt, by attaching the following documents: Curriculum vitae and PhD certificate.