

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

One Post-Doctoral Research Fellowships

One Post-Doctoral Research Fellowships is open at the **FCiências.ID – Associação para a Investigação e o Desenvolvimento de Ciências**, for the R&D project “Contratos Comunicação para Desenvolvimento de Sistemas Distribuídos”, with the reference PTDC/EEICTP/4503/2014, financed by national funds (OE), through FCT – Fundação para a Ciência e a Tecnologia / MCTES (PIDDAC) under the Programme All Scientific Domains, under the following conditions:

1. **Scientific Area:** Computer Software , Computer Communications Network
2. **Requirements for admission:**
 - Qualification certificate
 - PhD degree in Computer Science or related areas
3. **Work plan:** The successful candidate will work on the integration of the theory of behavioural type systems into a notion of communication contracts, effective in driving the software development life cycle. Project tasks include a) the development of a language of communication contracts, and the use of this language to statically verify components, to infer communication types from code, and to provide for the gradual evolution of existing code bases; b) a suite of integrated tools for supporting the software development lifecycle via verification, testing, and refactoring reliable web-based systems; and c) the evaluation the new software methodologies and associated tools for engineering RESTful distributed applications using a few case studies.
4. **Legislation framework:** Statute of the Scientific Research Fellowship, 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 **FCiências.ID** Fellowship Regulation, as approved on 23rd February 2017.
5. **Place of work:** The work will be developed at LASIGE - LABORATÓRIO DE SISTEMAS INFORMÁTICOS DE GRANDE-ESCALA, Faculdade de Ciências da Universidade de Lisboa, under the scientific guidance of Professor VASCO MANUEL THUDICHUM DE SERPA VASCONCELOS.
6. **Fellowship duration:** This position is initially opened for 12 months and will provisionally begin in September of 2017. The fellowship contract may be renewed for more 8 months, up to 20 months of total duration, in accordance with the provisions of Regulation of Research Fellowships from the Foundation for Science and Technology, I.P. The fellowship may be eventually renewed for 4 additional months, up to 24 months of total duration, in case of renewal of the CONFIDENT project.
7. **Monthly allowance:** The fellowship amounts to € 1.495,00, 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:** The selection methods to be used by the Jury (with grades given in a scale of 0 to 20 points) in a sequential order, will be:
 - Curriculum Vitae evaluation (40%)

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

- Interview, personal or by video-conference, to eligible candidates. Will be considered as eligible for scholarship assignment and subsequent interview, candidates who have obtained a minimum score at "Curriculum Vitae evaluation" criterion of 16 points (60%)
9. **Selection Committee:**
- VASCO MANUEL THUDICHUM DE SERPA VASCONCELOS (President)
 - FRANCISCO CIPRIANO DA CUNHA MARTINS (Member)
 - MARIA ANTÓNIA BACELAR DA COSTA LOPES (Member)
 - ANDRÉ SOUTO (Member)
 - PEDRO ADÃO (Member)
10. **Publication/notification of results:** The final result of the evaluation will be publicized, by email for all the candidates, through an ordered list by the obtained final grade. The list will also be posted at the entrance hall of the FCiências.ID, located at the Faculdade de Ciências da Universidade de Lisboa, C1 building – 3rd floor, Campo Grande, 1749-016 Lisboa.
11. **Deadlines:** This call for applications is open from 9 to 30 of June 2017.
12. **Application:** Applications may be sent via e-mail to pgoncalves@di.fc.ul.pt by attaching the following documents:
- Qualification certificate
 - Curriculum Vitae