



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

One post-doc fellowship

One post-doc fellowship is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, in project ASSISI|bf (<http://assisi-project.eu/>), Grant Agreement 601074, co-financed by the European Commission under the Seventh Framework Programme, under the following conditions:

1. **Scientific Area:** Computer Science and Engineering
2. **Requirements for admission:** PhD in Computer Science and Engineering. Alternatively a PhD in Physics, or Electrical Engineering is acceptable, provided there is evidence of proficiency in programming. Applicants must have a specialisation in Artificial Intelligence or in Complex Systems and must be fluent in English. Preference will be given to experience in robotics, machine learning and bio-inspired computing. Experience in visualisation will also be valued.
3. **Work plan:** The post-doc fellow will conduct research and development assigned to LabMAg, University of Lisbon, in the frame of ASSISI|bf European project that researches bio-hybrid collective adaptive systems. The work of the post-doc fellow will focus on models of self-organisation in autonomous agents inspired by swarm behaviour, namely with decentralised, asynchronous interaction. Besides specification of behaviour and investigation of swarm intelligence in defined problems the grant holder will also investigate self-adaptation and evolutionary mechanisms adequate for collective behaviour. The grant holder will be involved in the development of a simulator, in particular in the visualisation mechanisms, and will participate in coordinating dissemination channels.
4. **Legislation framework:** A fellowship contract will be celebrated according to the 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
5. **Place of work:** The work will be developed at Laboratório de Modelação de Agentes (LabMAg) of Faculdade de Ciências da Universidade de Lisboa, under the scientific guidance of Professor Luís Correia (Luis.Correia@di.fc.ul.pt)
6. **Fellowship duration:** This position is initially opened for 12 months and will begin on September 2013. The grant contract may be renewed up to a maximum total duration of 54 months.
7. **Monthly allowance:** The fellowship amounts to € 2,245 per month. 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 fellowship will be paid monthly by bank transfer
8. **Selection method:** Candidates will be assessed by the quality of their CV (80%) and an interview (20%) that may be through videoconference or skype.
9. **Selection Committee:** Luís Correia (president), José Manuel Molina López, Ana Paula Cláudio, Pedro Santana, Pedro Mariano (substitute).





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10. **Publication/notification of results:** The final results of the evaluation will become public, through alphabetical 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 all the candidates will be notified by e-mail.

11. **Deadlines:** This call for applications is open from June 25th to July 15th, 2013.

12. **Application:** Applications may be sent via e-mail to Luís Correia <Luis.Correia@di.fc.ul.pt>, by attaching the following documents: Curriculum Vitae, PhD certificate, and two reference letters sent independently by their authors.

