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

2014 – V4.1

Research Fellowship in Special Regime

One Research Fellowship in Special Regime is open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, in the project ASSISIbf (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 with focus on Artificial Life and Robotics

2. **Requirements for admission**: PhD in Computer Science and Engineering or related fields. Applicants must have a strong background in one or more of the areas of Artificial Intelligence/Artificial Life, Robotics and Complex Systems, and must be proficient in English. Experience in visualisation is not mandatory but will be valued.

3. **Work plan**: The post-doc fellow will be integrated in the research activities of LabMAg, University of Lisbon, in the frame of ASSISIbf European project on mixed natural-artificial collective adaptive systems. The post-doc fellow will focus on studying and applying swarm intelligence concepts to enable the synthesis of self-organised collective behaviour in mixed natural-artificial societies. Besides specification of robot behaviour and investigation of swarm intelligence approaches, the position holder will also investigate self-adaptation through evolutionary computation in groups of autonomous robots. Throughout the period of the fellowship, the grant holder will be involved in the development of swarm models, and of the simulation platform, which includes visualisation mechanisms, and will participate in the coordination of the dissemination channels.

4. **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 of 2013 approved by Regulation No. 234/2012, of June 25, as amended by Regulation No 326/2013 of 27 August 2013, in force (www.fct.pt/apoios/bolsas/regulamento.phtml.pt)

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 in **April 1st 2014**. 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 of Portugal.
The fellowship will be paid monthly by bank transfer.

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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).

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 candidates will be notified by e-mail.

11. **Deadlines**: This call for applications is open from **February 10th to 28th, 2014**.

12. A**pplication:** 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. Applications may also be sent by e-mail to Hélia Rodrigues <hmrodrigues@fc.ul.pt>.