



## CALL FOR AWARDING GRANTS AND PROJECTS UNDER R & D INSTITUTIONS

### Special Research Grant: 1 position

1 fellowship Special Research Grant open at the **Fundação da Faculdade de Ciências da Universidade de Lisboa**, for the “Magnetic-Superconductor Cryogenic Non-contact Harmonic Drive, Grant agreement nº 263014, , co-financed by the European Commission under the Seventh Framework Programme, under the following conditions:

1. **Scientific Area:** Physics, Mechanics, Mechanic Engineering
2. **Requirements for admission:** PhD Mechanical Engineering or Physics Engineering or similar  
*Previous experience with mechanics, vacuum and cryogenics is preferable.*
3. **Work plan:** Design, integration and testing of the all of the MAGDRIVE prototype of the cryogenic facility of SIM.
4. **Place of work:** The work will be developed at Laboratório de Sistemas, Instrumentação e Modelação em Ciências e Tecnologias do Ambiente e do Espaço – SIM, under the scientific guidance of Professor António Amorim.
5. **Fellowship duration:** This position is open for 12 months and will begin on the 1<sup>st</sup> of February 2013.
6. **Monthly allowance:** The amount of the scholarship amounts to € 1900 euros.  
The Fellows 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 voluntary social insurance scheme, pursuant to Código dos Regimes Contributivos do Sistema Previdencial de Segurança Social.  
The scholarships will be paid monthly by bank transfer
7. **Selection method:** Candidates will be assessed by the quality of their CV (70%) and a personal interview of the top ranked applicants (30%).
8. **Selection Committee:** António Amorim (Presidente do Júri), Filipe Duarte Santos (vogal) and André Moitinho (vogal).
10. **Publication/notification of results:** The final results of the evaluation will become public and 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 the selected candidate will be notified by email.
11. **Deadlines:** This call for applications is open from 13 December 2012 until 28 January 2013.
12. **Application:** Applications must be sent by email to Ms Angela Antunes ([amantunes@fc.ul.pt](mailto:amantunes@fc.ul.pt)) and Prof. António Amorim ([Antonio.Amorim@sim.fc.ul.pt](mailto:Antonio.Amorim@sim.fc.ul.pt)); Please indicate the following subject (GRANT-FFCUL-MAGDRIVE-PHD); Full application includes (lack of any of this documents will deem application invalid):
  - Updated Curriculum Vitae (max. 4 pages);
  - Proof (declaration) of academic degree;
  - Letter of interest (max 1 A4 page).

