CALL FOR AWARDING GRANTS AND PROJECTS UNDER R & D INSTITUTIONS

Title: **Post-Doctoral Research Grant**

One Post-Doctoral Grant vacant it's open at **Fundação da Faculdade de Ciências da Universidade de Lisboa**, by the R&D project MULTICORE - Advanced Type Systems for Multicore Programming, Ref. PTDC/EIA-CCO/122547/2010, financed by national funds trough FCT / MEC (PIDDAC) under the programme *Programa Todos os Dominios Científicos 2010*, with the following conditions:

1. **Scientific Area**: Computer Science / Informatics Engineering

2. **Requirements for admission**: The candidate must hold a PhD in computer science or related field, and must produce evidence of expertise on the topics of the project.

3. **Work plan**: The objective of the project is the development of new concurrency and distribution abstractions, together with the associated type systems and tools for communication-centric programming (see http://gloss.di.fc.ul.pt/types-multicore). We seek applicants with strong interest in some of the following topics: programming language design and implementation, programming logics and types, verification, and concurrency.

4. **Legislation framework**: Portuguese Law Nr. 202/2012, from 27 August (Research Grant Holder Statute); Regulation of Advanced Training and Qualification of Human Resources 2012.

5. **Place of work**: The work will be developed at LaSIGE – Large-Scale Informatics System Laboratory research unit, located at the Informatics Department of the Faculty of Sciences, University of Lisbon (Lisboa, Portugal), under the scientific guidance of Professor Vasco T. Vasconcelos.

6. **Fellowship duration**: This position is initially open for 6 months, beginning on December 15th, 2012. The grant contract may be renewed to more 6 months, until reach the total duration of 12 months. The research grant may be extraordinarily renewed up to more 12 months, depending to the prorogation of the project final date.

7. **Monthly allowance**: The amount of the scholarship amounts to € 1.495,00/per month, according to table values of the scholarships awarded directly by the FCT, IP in the country (http://www.fct.pt/apoios/bolsas/valores). The scholarships will be paid monthly by bank transfer.
   If foreigner, the successful candidate will also gain access to the following subsidies:
   - Travel Subsidy
     A predetermined one-time travel allowance, if justified (300 € if in Europe, 600 € if outside Europe).
   - Installation Subsidy
     A predetermined one-time moving allowance for stays equal to or greater than six consecutive months (1.000 €).
   The Fellow 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*.

8. **Selection method**: Candidates will be assessed by the quality of their CV, with a relevance of 60 %, and by a personal interview, presencial or by video-conference, with the relevance of 40 %. Evidence of expertise on the topics of the project will be one of the evaluation criteria.

9. **Selection Committee**: *Presidente do Júri:* Prof. Vasco T. Vasconcelos. *Vogais Efetivos:* Prof.s Antónia Lopes and Francisco Martins.

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10. **Publication/notification of results**: The final results of the evaluation will become public through email notification to all candidates, in the form of a selection ordered list. The list will also 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 bdg – 3rd floor, Campo Grande, 1749-016 Lisboa. The selected candidate will be notified by e-mail to provide extra information, required for the Research Grant contract.

11. **Deadlines**: This call for applications is open from from December 4th to December 17th,2012.

12. **Application:** Applications may be sent via e-mail attaching the following documents:

- Curriculum Vitae
- Certificate of Degree
- Names and email address of three references

Applications may also be sent by regular mail to:

Faculdade de Ciências da Universidade de Lisboa
Departamento de Informática | LASIGE
a/c Pedro Gonçalves
Campo Grande | 1749-016 Lisboa |Portugal