

## Research Grant (BIC type)

**1 research grant of type BIC** is now open at *INESC-ID – Instituto de Engenharia de Sistemas e de Computadores, Investigação e Desenvolvimento em Lisboa* in the Framework of the Project ARGUS -- *Activity Recognition and Object Tracking Based on Multiple Models* financed by Fundação para a Ciência e Tecnologia (FCT) through the contract PTDC/EEA-CRO/098550/2008, under the following conditions:

### **1. Activity duration**

6 months starting from March 1, 2011 under an exclusivity contract according to the FCT “Regulations for Advanced Training and Qualification of Human Resources”

( <http://www.fct.mctes.pt/pt/apoios/formacao/ambitoprojectos/> ) and INESC-ID grant regulations.

### **2.Objectives and summary**

The objectives of the work consist in the development of a case study that demonstrates multiple model methods in modeling of dynamic systems.

### **3.Scientific supervision**

This work will be performed at INESC-ID under the supervision of professors João Miranda Lemos and Miguel Barão, researchers at INESC-ID. The student will be integrated at INESC-ID in the research group on Control of Dynamic Systems ( <http://ramses.inesc.pt> ).

### **4.Qualifications and required educational level**

The required educational level complies with the specified by FCT for BIC type grants. The student should have at least 3 years of an University course in the areas of Electrical Engineering, Mechanical Engineering, Mathematics or similar with basic training and motivation to work in signal processing and control of dynamic systems.

### **5.Evaluation criteria**

Selection and ranking of the candidates will be made according to the following criteria: Current average grade of completed courses (20%); Grade of courses followed in the area of the grant (20%); Evidence of knowledge in the area of the grant (20%); Publications and previous works in the area of the grant, performed in the past 5 years (20%), Overall appreciation of the candidate (20%).

Candidates must fulfill the conditions to start the grant, in particular non-nationals must have a residence authorization in Portugal, at the time of proposal submission.

### **6.Salary**

According to the values stipulated by FCT in the “Regulations for Advanced Training and Qualification of Human Resources” and INESC-ID grant regulations.

### **7.Documents**

Detailed curriculum vitae including grades of all the courses followed; Motivation letter; copy of academic study certificates. Optional: name of two personal references.

### **8.Application dates**

Applications must be sent by email from  
February 1<sup>st</sup> till February 15, 2011.

### **Further information and proposal submission:**

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