Announcement of Research Fellowships

(call opened between June 07, 2013 and June 21, 2013)

The University of Coimbra (UC) opens a call for granting a research fellowship in the framework of the **Project SCIAD** "Self-Learning Industrial Control Systems Through Process Data", in the following conditions:

Number of grants: 1 vacancy

Type of activity: Perform research and development (R&D) works in the framework of the above mentioned project that runs in partnership between the University of Coimbra (UC) and "Acontrol - Automação e Controle Industrial, Lda." company. Research activities for the creation of systems and methodologies for industrial systems will be developed, namely in the following areas: multi-variable control and predictive control; data-based control; research of computational intelligence, fuzzy control, intelligent control, and other methodologies.

Recipient (s) of the grant (s) / Desired Profile: Holding a degree at the master level in the area of Electrical and Computer Engineering, Informatics Engineering, Biomedical Engineering, Physics Engineering, or a related area.

Location: Departamento de Engenharia Eletrotécnica e de Computadores da Faculdade de Ciências e Tecnologia da Universidade de Coimbra - FCTUC, and Acontrol.

Financing program: Grant financed by project SCIAD that is co-financed by QREN, in the framework of the "Mais Centro – Regional Operational Program of the Centro", and by the European Union through the European Regional Development Fund (ERDF).

Duration: 11 months

Renewal: Eventually renewable, depending on performance of the fellow and budget of the project. After eventual renewal, the end date of the fellowship can not be later than December 31, 2014.

Financial conditions of the fellowship: The value of the scholarship will be 980, 00 €, per month and is paid at the end of the month by bank transfer. To this value it is added the voluntary social insurance corresponding to the first level, if the applicant has chosen for its grant, as well as the personal accident insurance. The value of the fellowship will not increase throughout the duration of the fellowship.

Conditions of activity: The assiggnment of the fellowship does not generate a relation in terms of the labor law, the fellowship is carried out under an exclusive dedication basis, and it is assigned to the fellow the Status of Fellow of the UC, according to what is defined in the Regulation of Research Grants of the Fundação para a Ciência e a Tecnologia, I.P., published on the Daily Journal of the Republic, 2nd series, of 25 june 2012, available at (http://www.fct.pt/apoios/bolsas/regulamento.phtml.en).

Selection methods: Analysis of the Curriculum of the candidate, and of his/her ability and motivation, taking into account the selection and awarding criteria; fulfillment of individual interview to the three best classified in the curricular evaluation part. In case no candidate has an adequate profile, the fellowship will not be granted.

Selection and attribution criteria: The appreciation of the curriculum vitae (CV) will focus on the following parameters: (1) curricular elements presented, including the adequacy of the profile and merit of the candidate to the needs of the project 50%; (2) Experience and Knowledge in the area of the tasks to be developed: previous experience in works and/or research and development projects related with the research and development program to be developed; knowledge on control, fuzzy control, and computational intelligence; verification of the following preferential condition: motivation/intent of the candidate to proceed to PhD 40% (3) Interview 10%.

Formalization of application: To formalize the application, the following documents should be sent: (1) Cover/motivation letter; (2) Curriculum Vitae (CV) of the applicant; (3) Copy of the certificate(s) of academic qualifications. The CV should include: (i) contact information, (ii) Academic qualifications (including a complete list of the concluded courses/subjects and their classifications), (iii) List of scientific publications,

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(iv) Main projects where the applicant has participated, and working experience, (v) other information considered relevant.

Sending applications: All applications must be submitted in PDF format by email to Prof. Rui Araújo.

Email: rui@isr.uc.pt.

Scientific Orientation: The scientific orientation of the grant will be ensured by Professor Doctor Rui Alexandre de Matos Araújo.

Jury responsible for selection: Prof. Doctor Urbano José Carreira Nunes; Prof. Doctor Rui Alexandre de Matos Araújo, Prof. Doctor Jorge Luís Gabriel Ferreira da Silva da Costa Pereira.

Deadline to submit applications: Between 07-06-2013 and 21-06-2013

Publication date: 23-05-2013

Deadline for submittal of applications: 21-06-2013

Additional information: The evaluation results will be released to the candidates until 90 working days, after the deadline date for the submission of applications, by electronic mail (email). After the publication of the results the candidates are automatically considered notified for, if wanting, to comment on a preliminary hearing within 10 working days after that date. At the end of this period the selected candidate (s) must declare in writing his/her (their) acceptance and declare the date of actual commencement of the fellowship. Unless presentation of worthy justification, the lack of the acceptance declaration within the deadline is equivalent to abandonment of the fellowship. In case of renunciation or abandonment of the selected candidate(s), the immediately higher placed candidate (s) will be notified.

Notes: Effort has been made to accurately write this English version of the document from a translation of the Portuguese version. In case of doubts, mismatches, or errors the Portuguese version of this document is the one that is valid and that holds.