CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0017 (NanoStima-RL5-1 - CBER)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING
	Sub:

Job summary:

INESC TEC is accepting applications to award 2 Research Grant for MSC.

Project:	NanoSTIMA ? Macro-to-Nano Human Sensing: Towards Integrated Multimodal Health Monitoring and Analytics (NORTE-01-0145-FEDER-000016)
Scientific Advisor:	Aurélio Campilho
Duration Grant:	from 2017-03-01 to 2018-02-28 (12) . The grant may be renewed for additional periods up to the maximum duration of the project or the duration of the grant for which the candidate was selected. It can also be renewed due to another project provided that it is entirely or partly related to the work area in the call and that it contributes to the ongoing training.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Medical Image Analysis - Machine Learning

Project overview: The candidates will develop image analysis and machine learning methodologies integrated in the project NanoSTIMA: Macro-to-Nano Human Sensing: Towards Integrated Multimodal Health Monitoring and Analytics, Research line 5, aiming at developing image analysis and machine learning methodologies to be integrated in a Computer-Aided Diagnosis (CAD) system for detection, analysis and classification of lesions observed in medical images in general and with ultrasound images in particular.

Objectives: Development of methodologies for (1) detection, (2) analysis and (3) classification of lesions observed in medical images.

Academic Qualifications:	MSc
Minimum Profile required:	M.Sc. in Elec. and Comp. Eng., Informatics or Comp. Science, Biomedical Eng. Minimum Grade: 14 out of 20. Interview Only the candidates with at least 70% of the CV, scientific domain and experience.
Preference factors:	Interested in Ph.D. degree, experience in at least one: Image Analysis, Comp.Vision or Machine Learning; programming experience, in Python and/or Matlab; experience in analysis of ultrasound images.
Monthly Grant:	€980,00 (MSC) according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder may also benefit from additional incomes in the sequence of a quarterly evaluation process (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

Project duration:	2015-07-01 a 2018-06-30
Funding Entity:	CCDRN, financiado pelo Fundo Europeu de Desenvolvimento Regional (FEDER) através do Programa Operacional Regional do Norte (NORTE 2020)

The grant contract shall be submitted to the legislation concerning the Research Grant Holder Statute , approved by Law n 40/2004, dated 18 August, amended and republished by Decree-Law No. 202/2012 of 27 August and 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 July 9 as well as by INESC TEC Grant Regulation , approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT current Grant Regulation. Additional information about INESC TEC Grants Regulation and relating annexes may be found at www.inesctec.pt/grants

Selection Criteria: Curriculum evaluation based on the criteria referred to in Clause 7º INESC TEC Grants Regulation and will include individual interviews in the final stage of the selection process, with its valuation: 65% curriculum evaluation (25% CV, 15% scientific domains and 25% Expertise) and 35% interview.

Selection Jury:	President of the Jury: Prof. Aurélio Campilho; Permanent Member: Prof. Jorge Silva; Substitute Member: Prof. Ana Maria Mendonça;
Notification of results:	The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of INESC TEC Grants Regulation.
Application period:	From 2017-02-08 to 2017-02-21
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt

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