

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0107 (SCREEN-DR - 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 1 Research Grant for MSC.

Project:	Image Analysis and Machine Learning Platform for Innovation in Diabetic Retinopathy Screening
Scientific Advisor:	Aurélio Campilho
Duration Grant:	from 2017-06-01 to 2018-05-31 (12) - Eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Medical Image Analysis - Machine Learning

Project overview: The candidates will be integrated in the project SCREEN-DR: Image Analysis and machine Learning Platform for Innovation in Diabetic Retinopathy Screening, 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 in retinal images in particular

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

Academic Qualifications:	M.Sc.
Minimum Profile required:	M.Sc. in one of the fields: Electrical and Computer Engineering, Informatics or Computer Science, Biomedical Engineering or related fields.
Preference factors:	Interested in obtaining a Ph.D. degree, in the field; experience in Image Analysis, Computer Vision or Machine Learning; programming, in Python and/or Matlab; in analysis of retinal 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 can receive additional payments by participating in complementary contracts or projects that contribute to the work plan (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), in accordance with paragraph 4 of article 5 of Research Grant Holder Statute, approved by Law nº 40/2004, dated 18 August, up to a maximum of 50% of the monthly grant.

Project duration:	2016-04-01 a 2020-03-31
Funding Entity:	FCT (CMUP-ERI/TIC/0028/2014)
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: 75% curriculum evaluation (30% CV, 25% scientific domains and 20% Expertise) and 25% interview.
Selection Jury:	President of the Jury: Prof. Ana Maria Mendonça; Permanent Member: Prof. Jorge Silva; Substitute Member: Prof. António Cunha;
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 2017-05-08 to 2017-05-19
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt

