

## CALL FOR APPLICATIONS

### Job:

<b>Job reference:</b>	AE2017-0284 (NanoStima-RL4-2 - LIAAD) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
<b>Position:</b>	Research Grants (BI)
<b>City:</b>	Porto
<b>Research field:</b>	Main: Sub:

### Job summary:

<b>INESC TEC is accepting applications to award 1 Research Grant for MSC.</b>	
<b>Project:</b>	NanoSTIMA ? Macro-to-Nano Human Sensing: Towards Integrated Multimodal Health Monitoring and Analytics (NORTE-01-0145-FEDER-000016)
<b>Scientific Advisor:</b>	Pavel Brazdil
<b>Duration Grant:</b>	from 2018-01-15 to 2018-04-14 (3) . 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.
<b>Location:</b>	INESC TEC, Porto, Portugal

### Job description:

<b>Work Area:</b> Machine Learning, Data Mining
<b>Project overview:</b> The applicant should improve the methods for selection of algorithms for the given problem, while exploring the meta-data that includes information about the performance of various sequences of pre-processing and clustering methods (workflows or pipelines) on different data sets. As the chosen evaluation measure affects the overall performance, the choice of the appropriate measure should be considered in the process.
<b>Objectives:</b> The methods should be evaluated with the aid of the curves 'loss-time curves', which show how the difference between the performance of the workflows (sequences of operations) recommended by the system and the ideal workflows evolves with time, as different alternatives are being considered. The aim is to document the work and the results in an internal report or an article.

<b>Academic Qualifications:</b>	Bachelor and MSc degree in Comp.Science,Computer Eng.,Maths,Economics,Management,related fields
<b>Minimum Profile required:</b>	The candidate must reach at least 50 percentage points in the first three criteria used in the assessment (Curriculum, scientific and Experience Domains).
<b>Preference factors:</b>	Knowledge and experience in the areas of data mining and/or machine learning and programming in R or Python language.
<b>Monthly Grant:</b>	€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.

<b>Project duration:</b>	2015-07-01 a 2018-06-30
<b>Funding Entity:</b>	CCDRN, funded by the European Regional Development Fund (ERDF) through the Northern Regional Operational Program (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 <a href="#">INESC TEC Grants Regulation</a> and relating annexes may be found at <a href="http://www.inesctec.pt/grants">www.inesctec.pt/grants</a>	

<b>Selection Criteria:</b> Curriculum evaluation based on the criteria referred to in Clause 7 <a href="#">INESC TEC Grants Regulation</a> and will include individual interviews in the final stage of the selection process, with its valuation: 75% curriculum evaluation (35% CV, 25% scientific domains and 15% Expertise) and 25% interview.	
<b>Selection Jury:</b>	President of the Jury: Prof. Pavel Brazdil; Permanent Member: Prof. Rui Camacho; Substitute Member: Prof. Alípio Jorge;
<b>Notification of results:</b>	The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of <a href="#">INESC TEC Grants Regulation</a> .
<b>Application period:</b>	From 2017-12-04 to 2017-12-22
<b>Application submission:</b>	Fill in the electronic form in the section <a href="#">Work with Us</a> at <a href="http://www.inesctec.pt">www.inesctec.pt</a> , attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.