

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0289 (FAMEST - CESE) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub:

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for Degree holders.

Project:	Footwear, Advanced Materials, Equipment's and Software Technologies
Scientific Advisor:	Rui Diogo Rebelo
Duration Grant:	from 2017-11-20 to 2018-11-19 (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: Software Engineering

Project overview: The work framed within the project FAMEST TECH 4.0 - Production and Commercialization Advanced technologies for the Cluster Shoe Industry 4.0, and consists in developing a IIoT platform, aligned with the best market practices and the best concepts, principles and challenges of Industry 4.0. The results shall be evaluated and presented in a demonstrator.

Objectives: To specify, document, develop and test an IIoT platform to interconnect productive equipment, information systems, sensors, devices, people and products that constitute a manufacturing ecosystem.

Academic Qualifications:	Degree in Computer Engineering, Computer Science or similar.
Minimum Profile required:	Solid knowledge of: analysis and design of information systems (requirements specification, data modeling and Database structuring); object-oriented programming and software standards
Preference factors:	Experience in: programming in JAVA or C #, HTML5 and Javascript; orchestration tools (eg docker); Knowledge of software architecture standards; group work and organization; English
Monthly Grant:	€745,00 (Degree) 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:	2017-11-01 a 2020-10-31
Funding Entity:	ANI with the financial support of the Fundo Europeu de Desenvolvimento Regional (FEDER) and by the Programa Operacional Competitividade e Internacionalizao.

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 7 [INESC TEC Grants Regulation](#) and will include individual interviews in the final stage of the selection process, with its valuation: 70% curriculum evaluation (30% CV, 25% scientific domains and 15% Expertise) and 30% interview.

Selection Jury:	President of the Jury: Prof. Jorge Pinho de Sousa; Permanent Member: Prof. Américo Azevedo; Substitute Member: Prof. José Soeiro Ferreira;
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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 2017-10-31 to 2017-11-14

Application submission: Fill in the electronic form in the section [Work with Us](#) at www.inesctec.pt, attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.