

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0259 (iMAN-2 - CEGI) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Cincia
Position:	Post-Doc Grants (BPD)
City:	Porto
Research field:	Main: ENGINEERING Sub: Industrial engineering

Job summary:

INESC TEC is accepting applications to award 1 Postdoctoral Grant	
Project:	iMAN - Intelligence for advanced Manufacturing systems (NORTE-01-0145-FEDER-000020)
Scientific Advisor:	Pedro Amorim
Duration Grant:	from 2017-11-01 to 2018-06-30 (8) . 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:	Quantative Methods for Decision Support and Operations Management
Project overview:	The candidate will conduct research on supply chain management and work in themes relevant to the remaining research/development team. This is a collaborative position, which means that the candidate will be working with other researchers/scientists, executives, consultants, software engineers, clients, and others. The candidate is expected to disseminate results through the publication of scientific papers in international journals.
Objectives:	Develop new models and methods to solve problems related to purchasing, distribution, and production. New mathematical models and heuristic approaches will be developed to solve planning and sequencing problems in different operations characterised by the presence of uncertain parameters.

Academic Qualifications:	PhD Industrial Engineering and Management, Operational Research, or similar areas.
Minimum Profile required:	Exceptional scientific performance, vast knowledge of operational research (mathematical programming), experience in solving applied problems.
Preference factors:	Fluency in object-oriented programming languages such as C++. Proficiency in English language. Ability to communicate properly.
Monthly Grant:	€1495,00 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, 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 - Fundao para a Cincia 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: 85% curriculum evaluation (30% CV, 30% scientific domains and 25% Expertise) and 15% interview.
Selection Jury:	President of the Jury: Prof. Pedro Amorim; Permanent Member: Prof. Almada Lobo; Substitute Member: Prof. Luís Guimarães;
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 2017-10-11 to 2017-10-25
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.