CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0035 (iMAN-2 - CEGI)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING
	Sub: Industrial engineering

Job summary:

INESC TEC is accepting applications to award 2 Research Grant for MSC.	
Project:	TEC4Growth - RL iMAN - Intelligence for advanced Manufacturing systems (NORTE-01-0145-FEDER-000020)
Scientific Advisor:	Pedro Amorim
Duration Grant:	from 2017-03-15 to 2018-03-14 (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: Quantitative Decision Support Methods

Project overview: Integrated approach to the Procurement, Production and Distribution problems in industrial environments focusing in the interface between the associated optimization problems at each decision level. Technical coordination of the scientific work developed by awide research team.

Objectives: Development of new mathematical models and optimization algorithms that reflect the new trends associated with the procurement, production and distribution decision processes. The approaches should contribute significantly to this hierarchical procedure anticipating possible scenario changes and incorporating that information in the decision process to achieve robust solutions.

Academic Qualifications:	Master in Industrial Engineering and Management, Operational Research or similar fields.
Minimum Profile required:	Know-how in Combinatorial Optimization, past experience in Production Planning and Scheduling or Distribution Optimization. Experience in Programming. English proficiency.
Preference factors:	Solid skills in Combinatorial Optimization and strong background in Mathematical Programming modelling languages and C/C++ programming. Experience in managing research projects.
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: 85% curriculum evaluation (35% CV, 30% scientific domains and 20% Expertise) and 15% interview.

Selection Jury:	President of the Jury: Prof. Pedro Amorim;
	Permanent Member: Prof. Ana Viana;
	Substitute Member: Prof. Almada Lobo;
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 2017-02-21 to 2017-03-07
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt