

CALL FOR APPLICATIONS

Job:

Job reference:	AE2014-0221 (SmartManufacturing-2 - LIAAD) INESC Porto - Instituto de Engenharia de Sistemas e Computadores do Porto
Position:	Post-Doc Grants (BPD)
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub: Programming, Database management, Computer Systems, Informatics

Job summary:

INESC PORTO is accepting applications to award 1 Postdoctoral Grant

Project:	Smart Manufacturing and Logistics (NORTE-07-0124-FEDER-000057)
Scientific Advisor:	José Fernando Gonçalves
Duration Grant:	from 2015-02-01 to 2015-06-30 (5) - Eventually renewable until the project conclusion or budget.
Location:	INESC Porto, Porto, Portugal

Job description:

Work Area:	Management Science/ Operations management / Operational Research/ Optimization/ Genetic Algorithms
Project overview:	Each grantee will perform the following tasks, in his/her research line: - State of the art survey; - Problem definition; - Application, design, implementation and evaluation of the proposals, algorithms and solutions; - Writing of reports and scientific articles; - Leveraging of the research line through initiatives such as launching new projects. In addition, he/she is expected to: - Research in collaboration with the research team and potential industry partners; - Co-supervise student projects; - Provide basic administrative support
Objectives:	Development and implementation of optimization methods and algorithms.

Academic Qualifications:	PhD Degree or equivalent in Operational research, Management science, industrial engineering, Computer Science, or similar. Excellent candidates with other backgrounds may be considered.
Minimum Profile required:	- Experience and sound knowledge of Operational research techniques and optimization algorithms - Sound knowledge of computer programming, namely C++ - Previous research publications in this or similar domains. - Sound knowledge of English.
Preference factors:	Previous experience in one of the following specific areas: - Optimization - Operations Management / Supply Chain / Logistics - Financial Engineering - Cutting and Packing
Monthly Grant:	€1495 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 Porto Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

Project duration:	2013-01-01 to 2015-06-30
Funding Entity:	CCDRN, funded by the European Regional Development Fund (ERDF) and Regional Operating Programme for the North 2007/2013 (ON2)
Type of Grant:	Post-Doc Grants (BPD)
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 Porto Grant Regulation, approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT Grant Regulation 2013.	
Additional information about INESC Porto Grants Regulation and relating annexes may be found at www2.inescporto.pt/grants	

Selection Criteria:	Curriculum evaluation based on the criteria referred to in Clause 7º INESC Porto Grants Regulation and will include individual interviews in the final stage of the selection process, with its valuation: 90% curriculum evaluation (55% CV, 20% scientific domains and 15% Expertise) and 10% interview.
Selection Jury:	President of the Jury: Prof. José Fernando Gonçalves; Permanent Member: Prof. Jorge Pinho de Sousa; Substitute Member: Prof. Dalila Fontes;
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 Porto Grants Regulation .
Application period:	From 2015-01-12 to 2015-01-23
Application submission:	Fill in the electronic form in the section Work with Us at www.inescporto.pt