

CALL FOR APPLICATIONS

Job:

Job reference:	AE2016-0369 (SmartGuide - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING Sub: Electrical engineering

Job summary:

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

Project:	Planning Guidelines, Smart Grid, Smart Market, Demand Response, Operation Guidelines, European Smart Distribution Systems
Scientific Advisor:	André Guimarães Madureira
Duration Grant:	from 2017-02-01 to 2018-01-31 (12) - Eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Power Systems

Project overview: The project SmartGuide aims at developing generalized planning and operation guidelines for MV and LV grids of European Distribution System Operators. These guidelines will be designed taking into account the challenges arising from renewables integration and considering innovative smart grid functionalities, such as demand response.

Objectives: Identification of the needs and requirements of future power systems, taking into account the current state of the art; Development of solutions for energy management applied to power systems planning; Dissemination of results at conferences and scientific journals.

Academic Qualifications:	Master Degree (or 5-year pre-bologna degree) in Electrical Engineering or equivalent.
Minimum Profile required:	Knowledge of power systems planning; Knowledge of concepts related to energy management; Knowledge of programming languages (Matlab, C++); Fluency in English (spoken and written).
Preference factors:	Immediate availability; Experience in participating and managing projects; Knowledge of Portuguese (spoken and written).
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 can receive additional payments by participating in complementary contracts or projects that contribute to the work plan (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), in accordance with paragraph 4 of article 5 of Research Grant Holder Statute, approved by Law nº 40/2004, dated 18 August, up to a maximum of 50% of the monthly grant.

Project duration:	2016-04-01 a 2019-03-31
Funding Entity:	FCT (SmartGP/0002/2015)

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: 90% curriculum evaluation (40% CV, 30% scientific domains and 20% Expertise) and 10% interview.
Selection Jury:	President of the Jury: Prof. André Guimarães Madureira; Permanent Member: Prof. Manuel Matos; Substitute Member: Prof. Filipe Joel Soares;
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 2016-12-29 to 2017-01-26
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt

