

CALL FOR APPLICATIONS

Job:

Job reference:	AE2018-0293 (AUTOMOTIVE - CTM)
	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 Degree holders .

Project:	AUTOMatic multiMODal drowsiness detecTion for smart Vehicles
Scientific Advisor:	Ana Maria Rebelo
Duration Grant:	from 2018-11-05 to 2019-03-31 (5) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Image processing and computer vision; pattern recognition

Project overview: Developing image processing algorithms and pattern recognition in biometrics are quite challenging when faced with strong hardware constraints. This project aims to evaluate and develop computer vision methodologies in order to overcome the state of the art in this area of application.

Objectives: Research and develop algorithms for image processing and pattern recognition that can be integrated into an application of R&D as a way to demonstrate the developed work. - Reviewing of the state of the art and validation of the initial objectives of the work. - Design and Validation Solution. - Development and testing of the solution. Minimum profile required: good programming skills in C and Linux.

Academic Qualifications:	Degree in computer engineering or electrical engineering and computers
Minimum Profile required:	Frequency of Integrated Master in Electrical and Computers Engineering or Informatics Engineering
Preference factors:	good programming skills in C and Linux.
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 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 n 40/2004, dated 18 August, up to a maximum of 50% of the monthly grant.

Project duration:	2018-10-01 a 2021-09-30
Funding Entity:	ERDF - European Regional Development Fund through the Operational Programme for Competitiveness and Internationalisation - COMPETE 2020 Programme, and by National Funds (PIDDAC) through the FCT/MCTES within project POCI-01-0247-FEDER-030707 .

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 (40% CV, 20% scientific domains and 10% Expertise) and 30% interview. Only those candidates who obtain at least 70% in the curricular evaluation (CV + Scientific Domain + Experience) will be called for the interview.

Selection Jury:	President of the Jury: Prof. Ana Maria Rebelo;
	Member: Prof. Jaime Cardoso;
	Member: Prof. Hélder Filipe Oliveira;

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 2018-10-10 to 2018-10-24

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.