

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0214 (AV360-DNI - CSIG) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING Sub: Computer engineering

Job summary:

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

Project:	AV360 - Augmented Video 360
Scientific Advisor:	Rui Pedro Rodrigues
Duration Grant:	from 2017-09-18 to 2018-03-17 (6) . 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:	Web player for interactive dynamically annotated 360° interactive videos
Project overview:	The selected candidate will participate in the research of solutions for the exploration of paradigms of multimodal interaction that allow an immersive visualization of 360 videos with dynamic annotations. This interaction with content in virtual reality environments should focus on the visualization of narratives in 360-degree videos. The objective is to create a visualization tool for journalism that allows to show immersive content in the web environment with interaction based on existing annotations.
Objectives:	-Study 360° video visualization paradigms, especially dynamic annotations, radars and maps; -Study interaction metaphors for intuitive exploration of interactive 360° videos; -Prototype a web interactive 360° video player that supports the interactive display of dynamic annotations. -Create a test suite capable of assessing user satisfaction and ability to use the prototypes.

Academic Qualifications:	Bachelor's degree or Integrated Master enrolment (1st cycle completed)
Minimum Profile required:	Degree in Electrical and Computers Eng. or Computer Science/Informatics Eng. (or similar) or Integrated Master enrolment (1st cycle completed). Experience in Javascript and computer graphics
Preference factors:	Are preferred factors the experience with VR devices, Unity, 360 Video annotation, Javascript, WebGL, WebVR, and immersive journalism
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 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:	2017-03-01 a 2018-08-31
Funding Entity:	-
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: 70% curriculum evaluation (30% CV, 25% scientific domains and 15% Expertise) and 30% interview.
Selection Jury:	President of the Jury: Prof. Rui Pedro Rodrigues; Permanent Member: Prof. Rui Silva Nóbrega; Substitute Member: Prof. António Coelho;
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 2017-08-08 to 2017-08-23
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.