CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0046 (INESC TEC LA - LIAAD)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: COMPUTER SCIENCE
	Sub: Programming,Computer Systems,Informatics

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .	
Project:	INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	João Gama
Duration Grant:	from 2019-04-01 to 2019-12-31 (9) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Data Mining, Social Network Analysis, Evolving Networks

Project overview: This project investigates the evolution in temporal social networks. In particular, we consider networks with high frequency of new arcs and nodes. The goal is to study ways of detecting events in this type of network. We intend to study dynamic forms of sampling, as well as forms of gradual forgetting of arcs. We will use databases of graphs of telephone calls and the social network Twitter to validate the algorithms.

Objectives: The objective of the project is to develop algorithms to detect changes in network topology, node centrality, and community structure.

Academic Qualifications:	MSc in Computer Science or Informatic Engineering
Minimum Profile required:	Background on data mining, social network analysis, data processing, good programming skills (R, C++, matlab, Java)
Preference factors:	Publications, activities in Research
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:	-
Funding Entity:	Funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P.,in the scope of the project UID/EEA/50014/2019

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: 90% curriculum evaluation (35% CV, 30% scientific domains and 25% Expertise) and 10% 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. João Gama;
	Member: Prof. Rita Paula Ribeiro;
	Member: Prof. Alípio Jorge;
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 2019-02-27 to 2019-03-13
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.

Governo da República Portuguesa

FCT Fundação para a Ciência e a Tecnologia
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