

CALL FOR APPLICATIONS

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| Job reference: | AE2017-0120 (TAIL - CSIG) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência |
| Position: | Scientific Initiation Grants (BIC) |
| City: | Porto |
| Research field: | Main: COMPUTER SCIENCE Sub: Database management |

Job summary:

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| INESC TEC is accepting applications to award 1 Scientific Initiation Grant | |
| Project: | TAIL - Research data management from creation to deposit and sharing |
| Scientific Advisor: | Cristina Ribeiro |
| Duration Grant: | from 2017-06-01 to 2017-11-30 (6) eventually renewable. |
| Location: | INESC TEC, Porto, Portugal |

Job description:

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| Work Area: | Record of deposits in the Dendro platform |
| Project overview: | Dendro is a platform for the organization and description of research data, making metadata creation easier and connecting with other Linked Open Data platforms. This work intends to improve the permissions management in the platform's projects and the dataset exporting workflows. All implementations must be covered by tests, improving the existing coverage. |
| Objectives: | 1.Implementation of a record of deposits carried via via the platform in different institutional repositories, 2.Implementation of two web pages for the platform showing "Recent deposits", both in the scope of the whole platform and at the Dendro project level 3.Implementation of a mechanism for checking if the exported datasets are still online in the end repositories. 4.Implementation of unit and integration tests in Dendro. |

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| Academic Qualifications: | 2 complete years of the Informatics Engineering 1st cycle degree. |
| Minimum Profile required: | Knowledge of databases, web programming, unit testing tools and git. |
| Preference factors: | Progra. exp. using MEAN stack, OpenLink Virtuoso and the SPARQL language. Exp. using git and bash scripts (knowledge of Linux systems is a plus). Knowledge of OpenAPI 2.0 spec and Swagge framework. |
| Monthly Grant: | €385,00 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. |

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| Project duration: | 2016-05-30 a 2019-05-29 |
| 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 - Fundação para a Ciência e a Tecnologia (Portuguese Foundation for Science and Technology) within project PTDC/EEI/ESS/1672/2014 (POCI-01-0145-FEDER-016736). |
| 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 | |

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| 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: 80% curriculum evaluation (30% CV, 25% scientific domains and 25% Expertise) and 20% interview. |
| Selection Jury: | President of the Jury: Prof. Cristina Ribeiro; Permanent Member: Prof. Gabriel David; Substitute Member: Prof. João Correia Lopes; |
| 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 2017-05-15 to 2017-05-29 |
| Application submission: | Fill in the electronic form in the section Work with Us at www.inesctec.pt |