Department of Informatics
NOVA Laboratory for Computer Science and Informatics (NOVA-LINCS)

Initiation to Research Grants - 3 positions

10 of February of 2022

A call for tenders is open for 3 Scholarships of Initiation to Research Grants within the scope of the project 'Entity and Property Inference for Semantic Archives (EPISA)', DSAIPA/DS/0023/2018 financed by national funds through FCT/MCTES and co-financed by European Regional Development Fund (ERDF) through COMPETE – Competitiveness Factors Operational Program (POFC), under the following conditions:

Scientific area: Informatics

Admission requirements:

- Frequency of Degree in Computer Engineering or similar
- Knowledge of Database Technologies, Relational Model
- Understanding of the Portuguese language, written and spoken
- Knowledge of Natural Language Processing Tools and OWL Ontologies / Graph-oriented Databases, as a preferred factor

According to FCT Research Grants Regulation No. 950/2019 of December 16, 2019, article 5, - **BII** (Initiation to Research Grants) cannot be awarded to those who have already benefited from research grants directly or indirectly funded by FCT, awarded under the Research Fellowship Statute.

Work plan:

1. Development of a prototype to evaluate the data migration process between a relational database with the ISAD(G) model and an owl/graph-oriented database ontology that implements a CIDOC-CRM ontology.
2. Creation of datasets from the ISAD(G) representation with the necessary information for the evaluation of the processes of extracting information from text.

3. Collaboration in improving information extraction processes using assessment information.
4. Prepare a final report in which the experience is described.
5. Participate in the writing of a scientific article for submission to a scientific conference.

Applicable legislation and regulations: The granting of the Research Scholarship will be carried out upon the signing of a contract between the University of Évora and the scholarship holder, as set in the template https://www.fct.pt/apoios/Minuta_Contrato_Bolsa.docx , pursuant to the Research Scholarship Statute (Law No. 40/2004 of August 18 and Decree-Law No. 123/2019 of August 28) and in accordance with the legislation and Regulation of Research Grants of the Foundation for Science and Technology, IP in force, regulation nº950/2019 of December 16, 2019: https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt   and other applicable rules.

Place of work: The work will be developed at Research Centre NOVA LINCS of the University of Évora, under the scientific guidance of the Profs. Irene Pimenta Rodrigues and Dora Melo.

Duration of the scholarship(s): The scholarship will have a duration of 3 months, starting on March of 2022. The scholarship contract may be renewed up to a maximum of 6 months or until the end of the funding project's budget allocation.

Amount of monthly maintenance allowance: The amount of the scholarship corresponds to € 486,12, according to the table of scholarships awarded directly by FCT, I.P. in Portugal (http://fct.pt/apoios/bolsas/valores), payments being made monthly, by check or bank transfer.

Selection methods: The selection methods to be used will be the following:

- Curriculum evaluation (50%)
- Adequacy of training to the work plan (20%)
- Interview (30%)

Composition of the Selection Jury:

President: Prof Irene Pimenta Rodrigues
1st effective member – Prof Dora Regina Oliveira Melo
2nd effective member – Prof Lígia Maria Rodrigues da Silva Ferreira
1st alternate member – Prof Salvador Pinto Abreu

Advertising/notification of results: The final results of the evaluation will be publicized, through an alphabetically ordered list posted in a visible and public place Department of Informatics of University of Évora, being the candidates approved notified through email.

To ensure the right of prior hearing of interested parties, the Final Classification project will be announced by any written means to all interested parties.

After communicating the provisional list of the results of the evaluation, candidates have a period of 10 working days to express their opinion in a preliminary hearing of interested parties.

Application deadline and submission of applications: The tender is open from 11 to 25 of February of 2022 and the results of the selection will be published by 28 of February of 2021. Applications must be formalized, obligatorily, by sending an application letter with the following documents: Curriculum Vitae and other supporting documents considered relevant.

For the purposes of application, the evidence may be replaced by a declaration of honor signed by the candidate, but the failure to demonstrate that evidence, in the contracting phase, possession of the required degree on the deadline for application or the non-presentation of proof of enrollment in the study cycle or non-degree course, for scholarships with this component, imply the cancellation of the candidate's application.

Academic degrees obtained in foreign countries require registration by a Portuguese Institution in accordance with Decree-Law no. 66/2018, of August 16 and Ordinance No. 33/2019, of January 25th. The presentation of the certificate is mandatory for the signing of the contract. More information can be obtained at: https://www.dges.gov.pt/pt/pagina/recognition?plid=374

Applications must be sent by email to:

Prof. Irene Pimenta Rodrigues

Department of Informatics of the University of Évora

email: ipr@uevora.pt