



Department of Informatics
2 Grants for applicants with Master's degree

14 december 2020

Opening call for two grants for applicants with Master's degree under the "NIIAA – Núcleo de Investigação em Inteligência Artificial em Agricultura" (Núcleos de I&D - Copromoção), under reference number 36981, financed by the Operational Program PO ALENTEJO, ALT20-03-0247-FEDER-036981, in the following conditions:

Scientific area: Informatics / Computer science

Admission requirements

Master in Computer Science (or related area) with work developed in the area of Artificial Intelligence. It will be a preferential factor to have participated in research projects with work developed in Data Mining and Big Data. International candidates must have the master degree recognized by a Portuguese Higher Education Institution. The candidates must fulfil the requirements of FCT regulations nº950/2019, 16 december 2019, point 3 and 6.

Work plan

The project aims to study and use Artificial Intelligence techniques in the "Big Data" of the Agro world, specifically to develop an applied and customized crop monitoring system with advanced technologies applied to precision agriculture and intelligent agriculture.

The following tasks are envisaged:

1. Research and development of new solutions for cleaning, storing and condensing large and complex volumes of agricultural data: alphanumeric data and images
2. Research, development and testing of new solutions to process and analyze large and complex volumes of agricultural data: alphanumeric data and images
3. Integrating solutions into the business process
4. Collaboration in the preparation of documentation for promotion and dissemination of results. Elaboration of articles for publication in specialty magazines
5. Elaboration of technical reports and participation in meetings

Legislation and applicable regulations

The granting of the Research Scholarship will be carried out by means of a contract between the University of Évora and the scholar, under the terms of the Scientific Research Grantee (Law n.40/2004



of August 18, and Law n.202/2012 of August 27) and in accordance with the legislation and Regulation of Advanced Training and Qualification of Human Resources of the FCT n. 950/2019.

Workplace

The work will be developed in the Department of Informatics of the University of Évora, under the scientific guidance of Profs. Teresa Gonçalves e Luís Rato.

Duration of the grant

The grant will last for 5 months, starting in January 2021.

Monthly maintenance allowance

The amount of the scholarship corresponds to € 1074,64 (thousand and seventy for euros and sixty four cents), according to the table of values of scholarships directly attributed by FCT, I.P. (<http://fct.pt/apoios/bolsas/valores>); payments are made monthly by check or bank transfer.

Selection Methods

The selection method to be used is the following: curricular evaluation, interview and knowledge assignment, with their respective valuation of 50% (fifty percent), 25% (twenty five percent) and , 25% (twenty five percent), respectively.

Composition of the Selection Jury

President: Prof.^a Doutora Teresa Cristina de Freitas Gonçalves

1st Member – Prof. Doutor Luís Miguel Mendonça Rato

2nd Member – Prof. Doutor Pedro Dinis Loureiro Salgueiro

1st Substitute – Prof. Doutor Miguel José Simões Barão

2nd Substitute – Prof. Doutor José Miguel Gomes Saias

Form of publication/notification of results

The evaluation final results will be publicized using an alphabetically ordered list posted in a visible and public place of the Department of Informatics of the University of Évora, and the candidate will be notified by e-mail.

In accordance with the right of prior hearing of the interested parties, the Final Classification proposal will be announced by any written means to all interested parties.

Application Deadline and Application Form

The call is open from November 17th to 31th December 2020 and the selection results will be published until January 8th, 2021.

Applications must be formalized, obligatorily, by sending an application letter accompanied by the following documents: Curriculum Vitae, certificate of qualifications and other supporting documents considered relevant.

Applications must be e-mailed to:

Prof. Teresa Gonçalves

Departamento de Informática da Universidade de Évora

e-mail: tcg@uevora.pt

