

Research Scholarship Competition Opening Notice in the scope of an IC&DT project

Reference: IPCA/ESD/TECH/01/2021

Number of openings: 1 scholarship

Project: TECH - TECHNOLOGY, ENVIRONMENT, CREATIVITY AND HEALTH

It is open, for 10 consecutive days, a competition for 1 Research Scholarship (Bolsa de Investigação, BI), in the scope of project TECH - TECHNOLOGY, ENVIRONMENT, CREATIVITY AND HEALTH – Activity L3.A2, of the Polytechnic Institute of Cavado and Ave (IPCA), financed by NORTE-01-0145-FEDER-000043, aiming to bring digital technologies to the XXI century.

Conditions:

Scientific area: Environmental Engineering

Admission requirements:

Applicants must be students enrolled in a Masters or PhD program, in the areas of Environmental Engineering, Environmental Sciences, Biotechnology sciences, and related areas. They should possess solid knowledge in organic waste valorization processes, demonstrated through technical/scientific publications.

Preferential conditions:

Preference will be given to candidates with know-how in environmental assessment.

Workplan:

The workplan focuses on Activity 2 of the Area 3 (L3.A2) of the research project **TECH - investigação e desenvolvimento de processos e sistemas para a inovação em modelos e instrumentos de economia circular** (supporting the definition of the regional agenda for the implementation of the National Plan for Circular Economy in the Alto Minho region) and includes the following tasks:

- investigate processes and technologies for treatment and valorization of subproducts and waste products of the wine sector, namely environmental impact comparative studies with different production processes, using life cycle assessment (LCA).
- investigate processes and technologies for treatment and valorization of forest waste, namely environmental impact comparative studies with different production processes, using life cycle assessment (LCA).
- contribute to the definition of value chains, criteria and indicators associated with the space-time viability and sustainability of productive units, in cooperation with the project team.

Other tasks:

Conducting other tasks that fit the project activities, namely support and writing technical reports and aid in the technical transfer and dissemination of project results, in particular through their publication and presentation in scientific events or promotion of the developed project.

Applicable legislation and regulation:

Grant Holder Statute (Estatuto do Bolseiro de Investigação – Decreto-Lei nº. 89/2013, later amended by Decreto-Lei nº. 123/2019, of August 28) of the Portuguese Foundation for Science and Technology (FCT). Current statute: <https://www.fct.pt/apoios/bolsas/estatutobolseiro.phtml.en>) and the Research Grant Regulation of the Instituto Politécnico do Cávado e do Ave (Regulamento nº. 821/2020 (Diário da República nº. 191/2020, Série II de 2020-09-30)).

Work location:

The research activities will take place at the Polytechnic Institute of Cávado e Ave under the scientific supervision of Professor Ricardo João Ferreira Simões, with part of the work eventually conducted in the facilities of the Polytechnic Institute of Viana do Castelo, as partner institution of activity L3.A2 of this project.

Duration:

The scholarship is for 12 months (expected start date October 2021), renewable until the end of the project or the maximum duration allowed by applicable regulation and legislation.

Monthly stipend:

The monthly scholarship stipend is 835,98€, as per the FCT regulations (<https://www.fct.pt/apoios/bolsas/valores.phtml.en>) and will be paid by bank transfer.

Other benefits:

Voluntary social security (SSV), corresponding to the 1st level (1º. Escalão), and personal accident insurance.

Evaluation:

Applications are evaluated based on the selection criteria below, in a scale from 0 to 20 values. If the selected applicant forfeits, the second candidate in the ordered list will be automatically called, and thus, sequentially, until the end of the applicants accepted by the jury.

Selection Method:

The following selection method will be used:

- Curricular evaluation, with a value of 70%, based on the following selection criteria:
 - i) Academic training, namely the classification of obtained degrees [50%];
 - ii) Other curricular elements that show the value of the candidate [20%];
- Practical experience, with a value of 30%, based on the following selection criteria:
 - iii) Participation in previous relevant projects [15%];
 - iv) Technical and scientific productivity in the research area [15%];

The final classification will be calculated as:

$$\text{Final Classification} = \text{Curricular Evaluation} + \text{Practical Experience}$$

The final classification will be between 0 and 5 values, in which Curricular Evaluation has a 70% weight and the Practical Experience has a 30% weight.

Jury:

Professor Doutor Ricardo João Ferreira Simões (President);
Professor Doutor Vítor Carvalho (Effective member), who shall replace the president when required;
Professor Doutor Nuno Lopes (Effective member);
Professor Doutor Duarte Duque (Substitute member), and,
Professor Doutor Luís Ferreira (Substitute member).

Evaluation results publication/notification:

Evaluation results will be posted at www.ipca.pt – results proposed by the jury, minutes and final ordered list. After notification, candidates will have 10 working days to express their opinion during a hearing of interested parties, pursuant to articles 121 et seq. of the Portuguese Code of Administrative Procedure.

The final decision will be made after the analysis of the statements presented during a hearing of interested parties, and candidates will be notified by email, with delivery notification, according to IPCA's Scholarship Regulations.

Application deadline and submission procedure:

The competition is open from of october 2021.

Applications should be submitted exclusively by email to esd@ipca.pt, with the reference of the competition in the email subject: IPCA/ESD/TECH/01/2021.

All applications should be formalized by mentioning the topic and project reference, describing the motivation and professional goals of the applicant, together with the following documents:

- Curriculum vitae;
- Motivation letter;
- Copy of all habilitation certificates, including final grades;
- Recommendation letters (optional and a maximum of two);
- Statement that the candidate is not simultaneously already receiving another scholarship, or if that is the case, reference of a formal agreement between the financing entities.

Complaints:

Of the final decision list, after approval by the President of IPCA, applicants can file a complaint to the President of IPCA, within 15 working days from the notification date, to the email esd@ipca.pt, without the complaint having suspending effects on the procedure.

Policy of non-discrimination and equal access:

The FCT promotes a policy of non-discrimination and equal access, whereby no candidate may be privileged, benefited, harmed or deprived of any right or exempt from any duty on grounds, namely,



of ancestry, age, sex, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capability, disability, chronic illness, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and union affiliation.

URL in Portuguese: <https://ipca.pt/ipca/servicos-ipca/recursos-humanos/publicitacao-de-actos-relativos-a-contratacao-de-trabalhadores/procedimentos-concursais/>

Barcelos, 24th of september of 2021

The President of the Instituto Politécnico do Cávado e do Ave

Professora Doutora Maria José Fernandes