PUBLIC NOTICE

ANNOUNCEMENT OF A RESEARCH GRANT

COREMA_Prémio IGNIT IPC 2026 – Bolsa 1

Reference: PRBI/41/2026

A call for applications is open for a Research Grant for a Bachelor's degree holder within the scope of the COREMA project - Conservation of Resilient Ecosystems through Modern Approaches – Biodiversity Assessment, Use and Market Value, with the operating code COREMA Prémio IGNIT IPC 2026, from the Polytechnic University of Coimbra, funded by IGNIT through the Program Concurso IGNIT Projetos@IPC – Edição 2026, under the following conditions:

The grant will aim at the implementation and development of the following activities:

1. T1 - Data Collection
2. T2 - Literature Review
3. T3 - Data Preparation and Algorithm Development

Generic Scientific Area: Computer Engineering
Specific Scientific Area: Machine Learning

Eligibility Criteria

- Bachelor's degree in Computer Engineering or related field;
- Enrolment in a MSc course at the Polytechnic University of Coimbra;
- Experience in:
    a) Programming in Python, C++, or other similar languages;
    b) Machine learning, predictive models, data analysis;
    c) Image analysis with CNN networks.

Work plan

The work plan will involve developing the entire process of analyzing remote sensing data from clusters of camarinha, as well as developing algorithms to support the automatic inventory of the plant.

Grant period

The grant lasts for 3 months, renewable for identical periods up to a maximum of 12 months, on an exclusivity, full time basis, in accordance with the Regulations for Research Grant Holders at the Polytechnic University of Coimbra, currently in force, with a planned start date of January 2, 2027, and ending on April 1, 2027.

The project end date is scheduled for July 31, 2028.

Monthly Maintenance Allowance

€701.12, according to the FCT, I.P., table of research grant rates in Portugal (www.fct.pt/apoios/bolsas/valores), paid monthly by bank transfer.

This amount is supplemented by voluntary social insurance contributions corresponding to the first tier, if the candidate chooses to enrol. Personal accident insurance will also be provided.

Workplace

The work will be carried out at RCM^{2+} - Centro de Investigação em Gestão de Ativos e Engenharia de Sistemas, Polytechnic University of Coimbra, under the scientific supervision of Professor Mateus Mendes, Principal Investigator of the COREMA project.

Selection Criteria

Applications will be assessed on the basis of the candidate's merit, in accordance with the following criteria and weightings:

1) BSc graduation average – 20%
2) Grade in Project or Internship course – 30%
3) Previous experience in Data Analysis – 20%
4) Scientific publication experience – 20%
5) Interview – 10%

Selection panel

The selection panel will comprise the following professors.

Permanent members

Mateus Daniel Almeida Mendes
José Manuel Torres Farinha
Aida Moreira da Silva

Substitute Members

Maria João Barroca
Raúl Salas-González

Application Documents

Applications must include the following documents:

- Application form available on the web page dedicated to this call, at https://www.ipc.pt/ipc/sobre/rh/a-decorrer-pessoal-bolseiro
- The candidate's motivation letter;

- A detailed curriculum vitae;
- Document(s) proving that the candidate holds the academic degree and diploma required for the call. Candidates holding foreign qualifications must provide proof of their foreign academic degree and diploma in accordance with Decree-Law No. 66/2018, August 16;
- Proof of registration and enrolment in a study programme leading to a Master's degree;
- An academic transcript listing the grades obtained in the Bachelor's degree course.

Application Deadline

It will span 10 business days, from **November 27, 2026, to December 14, 2026**.

The call is open for a period of 10 working days from the date of publication of this notice on the Euraxess portal and on the website of the Polytechnic Institute of Coimbra (www.ipc.pt).

Candidates must access and register on the website:

https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros to submit their application, selecting the call to which they wish to apply.

Applications must be submitted exclusively in digital format, and all accompanying documents must be in portable document format (PDF), except for documents whose submission is foreseen in other digital formats.

The application is completed by filling in the sections available at the web address mentioned above.

When submitting the application, if it contains any classified document revealing commercial or industrial secrets, or secrets relating to literary, artistic or scientific property, the candidate must expressly indicate such confidentiality; otherwise, the work in question may be freely accessed by any of the other candidates when consulting the process file.

When submitting the application, the candidate must provide only the data strictly necessary for this purpose, under the terms of this notice, and must conceal any personal data that may appear in the documents submitted; otherwise, such data may be freely accessed by any of the other candidates when consulting the process file.

Applicable Legislation and Regulations:

The grant is governed by Law No. 40/2004, of August 18 (Statute of the Scientific Research Scholarship Holder), amended and republished by Decree-Law No. 202/2012, of August 27, updated by: Decree-Law No. 233/2012, Law No. 12/2013, and Decree-Law No. 89/2013; the Scholarship and Research Regulations of the Foundation for Science and Technology in force (www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf), Order (Despacho) No. 5963/2020 of 1 June, as amended (Research Grant Holder Regulations of the Polytechnic Institute of Coimbra).

The scholarship contract template and the final reports to be prepared by the grant recipient and the coordinator are those contained in the annexes of the aforementioned Scientific Research Scholarship Recipient Statute.

Method of publicizing/notifying results

The final evaluation results will be published, through a list ordered alphabetically by final grade obtained, posted in a visible and public location on the RCM2+ page, with all candidates being notified, for the purpose of prior consultation with interested parties, via email.

For more information contact: Mateus Mendes via email: mmendes@isec.pt

Coimbra, november 2026