

PUBLIC NOTICE FOR A RESEARCH SCHOLARSHIP

Reference PRBI/22/2025

IPC/ i2A is now accepting applications to award 1 Research Scholarship (BI) within the scope of the project “SustainAsphalt – Sustainable and smart asphalt technology”, reference COMPETE2030-FEDER-01191300, funded by Programa SIID – I&D Empresarial – Operações em Copromoção – Outros Territórios MPr-2023-07, as follows:

The grant will be designed to implement and develop the following activities:

- 1) Conducting laboratory tests, organizing and interpreting the results obtained, completing test reports, and preparing analysis reports.
- 2) Preparing research articles for publication in conferences and research journals.
- 2) Monitoring changes to the production process at the existing production plant at the project leader's facilities and the execution of pavement prototypes.
- 3) Participating in the life cycle assessment process of the bituminous mixtures to be developed in the project.

General scientific area: Civil Engineering.

Specific scientific area: Transportation Infrastructure.

Requirements:

- Holders of a Masters’s degree in civil engineering or other related areas;
- If the candidate holds a higher education degree obtained abroad, he/she must have the respective degree recognition, if applicable;
- Enrolment in a PhD program in the field of Civil Engineering or similar, or in a non-degree course;
- Demonstrated skills in laboratory testing of bituminous mixtures for paving;
- Demonstrated skills in preparing technical reports related to the scholarship field.

Work Plan:

The work plan consists of scheduling and conducting laboratory tests, organising and interpreting the results obtained, completing test bulletins, and preparing reports within the scope of the SustainAsphalt project, and preparing articles in Portuguese or English for submission to conferences or research journals indexed in

Scopus/WoS. The functions also include monitoring changes to the production process in the existing production plant at the project leader's facilities and executing pavement prototypes. Additionally, the work plan will consist of participation in the life cycle assessment process of the bituminous mixtures to be developed in the project.

Scholarship Length:

The scholarship lasts 12 months on an exclusive basis, in accordance with the Research Scholarship Regulation of the Polytechnic Institute of Coimbra – Order No. 5963/2020, of 01/06, in its current wording, with the start date scheduled for October 1, 2025.

Monthly Maintenance Allowance:

1309,64 euros, according to the table of scholarships amounts awarded by FCT to positions held in Portugal (https://www.fct.pt/wp-content/uploads/2025/02/Tabela_valores_SMM_2025.pdf). The payment will be made by bank transfer monthly, to the account to be designated by the Fellow. To this amount is added the voluntary social insurance corresponding to the first tier, and a workplace accident insurance contract.

Workplace:

The work will be developed at Coimbra Institute of Engineering, under the scientific supervision of Prof. Silvino Dias Capitão.

Selection Criteria:

Applications will be assessed through:

- i) Experience in the activities for which the scholarship is opened – 70%
- ii) Proficiency in Portuguese and English – 30%

Jury of Selection:

President: Silvino Dias Capitão, Coordinating Professor with Habilitation at Higher Institute of Engineering, Polytechnic Institute of Coimbra

Permanent members:

Ricardo Nuno Francisco do Carmo, Coordinating Professor at Coimbra Institute of Engineering of the Polytechnic Institute of Coimbra

Hugo Sérgio Sousa Costa, Coordinating Professor at Coimbra Institute of Engineering of the Polytechnic Institute of Coimbra

Alternate members:

Mário Miguel Abreu Martins, Assistant Professor at Coimbra Institute of Engineering of the Polytechnic Institute of Coimbra

Susana Catarina Neves Meneses, Assistant Professor at Coimbra Institute of Engineering of the Polytechnic Institute of Coimbra

Applications must include the following documents:

Candidates must access and register on the website <https://www.ipc.pt/sobre/rh/a-decorrer-bolseiros/> to submit their application, selecting the scholarship they wish to apply for.

The application must be submitted exclusively in digital format, in portable document format (pdf), with the exception of documents that must be submitted in other digital formats.

The application must be completed by completing the sections available at the aforementioned electronic address.

The application must be accompanied by the following documents:

1. Identification, address, identification document number, and tax identification number;
2. Cover letter;
3. Updated curriculum vitae (CV);
4. Proof of required academic qualifications;
5. Proof of enrolment and registration in the doctoral degree or non-degree course;
6. Other documents relevant to the evaluation.

When submitting an application, if the application contains a classified document that reveals a commercial or industrial secret, or a secret relating to literary, artistic or scientific property, the candidate must expressly indicate such a reservation, otherwise the work in question may be freely accessed by any of the other candidates, in the context of the process consultation.

When submitting the application, the candidate must provide the data strictly necessary for this purpose, in accordance with this notice, and must hide any personal data that may exist in the submitted documentation, otherwise this data may be freely accessed by any of the other candidates, in the context of the process consultation.

Deadline for receipt of applications:

It will be 10 business days, between 08/09/2025 – 19/09/2025.

Applicable legislation and regulations:

The award of the scholarship is based on the:

- Law No. 40/2004, of August 18, in its current wording (Statute of the Scientific Research Fellow);
- Order No. 5963/2020, of June 1, in its current wording (Regulation of the Research Fellow of the Polytechnic Institute of Coimbra)

The model of the grant contract and the final reports to be prepared by the grant holder and the coordinators are those contained in the annexes of the Scientific Research Grant Holder Statute referred to above.

Means of publication/notification of results:

The evaluation results will be announced within 90 business days of the application submission deadline, via email to candidates. After the results are announced, candidates will be notified to submit their comments at a preliminary hearing, if they wish, within a maximum period of 10 business days. After this period, selected candidates must declare their acceptance in writing and communicate the effective start date of the scholarship. Unless a valid justification is presented, failure to declare within the aforementioned period constitutes waiver of the scholarship. In the event of a successful candidate's resignation or withdrawal, the next highest-ranking candidate will be notified.

For further information, please contact:

Prof. Silvino Capitão, through the email: capitao@isec.pt

Coimbra,