

PUBLIC NOTICE FOR A RESEARCH SCHOLARSHIP

Reference PRBI/16/2026

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 purpose of the grant will be to implement and develop the following activities:

- 1) Conducting laboratory tests, organising and interpreting the results obtained, completing test reports, and preparing analysis reports
- 2) Monitoring the modification of the production process at the existing production plant on the project leader's premises, as well as the execution of the pavement prototypes
- 3) Participating in the life-cycle assessment process for the bituminous mixtures to be developed as part of the project

Scientific area: Civil Engineering.

Specific scientific area: Transport Infrastructure

Requirements:

- A. Holders of a bachelor's degree in civil engineering or other related areas;
- B. If the candidate holds a higher education degree obtained abroad, he/she must have the respective degree recognition, if applicable;
- C. Enrolment in a Master's in the field of Civil Engineering or similar, or in a non-degree course;
- D. Demonstrated skills in laboratory testing of bituminous mixtures for paving;
- E. Demonstrated skills in preparing technical reports related to the scholarship field.
- F. Proficiency in the Portuguese language, both spoken and written.

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. 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, on an exclusive basis, has a duration of 12 months, possibly renewable, when permitted by regulation, scheduled to start on May 2026 and finishing on May 2027.

Monthly Maintenance Allowance:

1090,98 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 Instituto Superior de Engenharia de Coimbra, under the scientific supervision of _ Prof. Silvino Dias Capitão.

Selection Criteria:

Applications will be assessed through:

- a) Experience in the activities for which the scholarship is opened;
- b) Proficiency in Portuguese and English.

Jury of Selection:

President: Prof. PhD Silvino Dias Capitão, Coordinating Professor with Habilitation at Instituto Superior de Engenharia, Instituto Politécnico de Coimbra

Vogals: Prof. PhD Ricardo Nuno Francisco do Carmo, Coordinating Professor at Instituto Superior de Engenharia, Instituto Politécnico de Coimbra

Prof. PhD Hugo Sérgio Sousa Costa, Coordinating Professor at Instituto Superior de Engenharia, Instituto Politécnico de Coimbra

Substitutes: Prof. PhD Mário Miguel Abreu Martins, Prof. PhD Susana Catarina Neves Meneses

Mandatory documents:

The applications must include the following documents:

- a) Application form available on the internet page for this competition at <https://www.ipc.pt/sobre/rh/a-decorrer-bolseiros/>.
- b) Motivation letter, in which the candidate must explain his/her motivation to carry out this multidisciplinary work plan, as well as mention if he/she is available to start the scholarship on schedule date;
- c) Document(s) proving that the candidate hold the academic degree and/or diploma(s) required in the competition. Applicants with foreign qualifications must provide proof of their foreign degree and diploma in accordance with Decree-Law no. 66/2018, of 16 august;
- d) Document proving enrolment and registration in the master's degree or non-degree course;
- e) Updated *Curriculum Vitae* of the candidate, with a description of the qualifications;
- f) Declaration, under oath, regarding the scholarship(s) of the same type that the candidate have carried out and its duration.

Deadline of Application Submission:

The application period will be of 10 working days, starting on **April 16th** and ending on **April 30th**.

Candidates must access and register on the website: https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros to submit the application, selecting the procedure for which they intend to apply.

Applications must be delivered exclusively in digital format, in portable document format (pdf), with the exception of documents whose delivery is scheduled in other digital formats.

Application instructions are completed by filling in the sections available at the aforementioned link.

When formalizing the application, if it contains a classified document that reveals commercial or industrial secrets, or secrets relating to literary, artistic or scientific property, the candidate must expressly indicate such reservation, under penalty of the work in question being freely accessed by any one of the other candidates, in consultation with the process.

When submitting the application, the candidate must provide the data strictly necessary for the purpose, under the terms of this public notice, and must hide personal data that may exist in the documentation submitted, otherwise these data may be freely accessed by any of the other candidates, in the process query.

Legislation and applicable Regulation:

The award of this fellowship is based on Law 40/2004, of the 18th of August (Estatuto do Bolseiro de Investigação Científica), changed and republished by the Decree-Law 202/2012, of the 27th of August, updated by: Decree-Law 233/2012, Law 12/2013, Decree-Law 89/2013 and Decree-Law 123/2019; the Regulation of the Research Scholarships from Polytechnic of Coimbra Order nº 5963/2020, and the Regulation of the research scholarships from the Fundação para a Ciência e a Tecnologia, I. P. and the.

Information of Results:

The results of the evaluation will be published within 90 working days from the deadline for submission of applications, by sending a communication to the candidates, via email. After the results have been published, candidates will be notified to, if they wish, give their opinion in a prior hearing within a maximum of 10 working days after that date. After this deadline, the selected candidates will have to declare their acceptance in writing. Unless a justifiable reason is provided, failure to make the declaration within the deadline will be considered as a waiver of the scholarship. In case of resignation or withdrawal of the selected candidate, the immediately best ranked candidate will be notified.

For further information please contact:

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

Coimbra, 16 of April of 2026