

(BL85/2024-IST-ID)

Scientific Initiation Studentships

Applications are open for 1 (one) Scientific Initiation Studentships, within the framework of project/R&D institution Sustainable Stone by Portugal (930104 1801P.01243), financed by national funds through PRR (Plano de Recuperação e Resiliência, through IAPMEI – Agência para a Competitividade e Inovação, under the following conditions:

Scientific Area: Engineering

Admission Requirements:

- a) *To be enrolled at a professional higher technical course, at a bachelor degree, at an integrated master or master degree, or to have a bachelor degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units;*
- b) *not to exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions;*
- c) *Experience in machine learning is preferred (but not excluded).*

Workplan: Acquisition of images and development of automated scanning systems. Development and application of image analysis and deep machine learning models for estimating the visual characteristics of materials.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at CERENA – Centro de Recursos Naturais e Ambiente of Instituto Superior Técnico, under the scientific supervision of Professor Gustavo André Paneiro

Duration: The research fellowship(s) will have the duration of 12months and not renewed. It's expected to begin in May 2024.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf), the amount of the monthly maintenance allowance is € 601,12, being the payment method by Wire Transfer.

Selection methods: The selection methods will be the following: Curricular evaluation (70%) and individual interview (30%).

Composition of the selection Jury: Professor Gustavo André Paneiro, Professor Maria Amélia Alves Rangel Dionísio, Doctor António Pedro Dias Alves de Campos.

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Application deadline and formalization: The call is open from April 15 until April 26, 2024.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course or at a course that does not award an academic degree; v) motivation letter; vi) declaration on honour that the applicant does not exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions, and has not held any other fellowship directly or indirectly funded by FCT.

Applications must be submitted to the email: antonio.campos@tecnico.ulisboa.pt

