

Scientific Initiation Studentships

Applications are open for 1 Scientific Initiation Studentships, within the framework of Green multi-action products for the sustainable conservation of historic porous building stones/ Centro de Química Estrutural, Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento (IST-ID) (PTDC/ECI-EGC/2519/2020) with the financial support of FCT/MCTES through national funds and under the following conditions:

Scientific Area: *Civil Engineering - Construction*

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) *not to have held any other fellowship directly or indirectly funded by FCT.*

Workplan: The applicant's objective is to: i) characterize stone objects from historical built heritage made of Ançã Stone and Grés de Silves; ii) Treat the stone objects with multi-action products developed and prepared by the other Team members and characterize the treatments; iii) study the efficacy (consolidation and protection against water-related phenomena) and compatibility of the treatments (e.g. color alterations).

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 *Centro de Química Estrutural (CQE), Instituto de Investigação e Inovação em Engenharia Civil para a Sustentabilidade (CERIS)* from *Associação do Instituto Superior Técnico para a Investigação e Desenvolvimento (IST-ID)*, under the scientific supervision of Doctor Bruno Sena da Fonseca and Prof. Ana Paula Ferreira Pinto.

Duration: The research fellowship(s) will have the duration of 6 months (not renewable). It's expected to begin in December 2024.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://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 an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: i) number of curricular units concluded on the scientific area of the studentship (construction) (curricular units/points: 0/0; 1/10; 2 or 3/15 and 4 or more/20); ii) average of their classification; iii) motivation letter. The respective weights are 40%, 40% and 30%.

Composition of the selection Jury: Doctor Bruno Sena da Fonseca, Prof. Marta Alves and Prof. Ana Paula Ferreira Pinto.



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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 October 28 until November 11, 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;

v) proof of the curricular units completed and respective classifications;

vi) motivation letter;

vii) 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: bruno.fonseca@tecnico.ulisboa.pt indicating “Candidatura a Bolsa – GreenMAP – Iniciação Científica” in the subject of the e-mail.



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