

(BL40/2025-IST-ID)

Research Studentships (PhD students)

Applications are open for 1 Research Studentship, within the framework of project (1801P.01483) unLIMEted - Closed-loop recycling and reuse of lime-based masonry waste through thermal reactivation, 2023.11492.PEX, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Civil Engineering - Construction

Admission Requirements: To hold a master's degree in Civil Engineering, Materials Engineering, Chemistry or similar areas and *to be enrolled at a PhD*.

Workplan: Develop the tasks outlined within the scope of the project, including experimental and analytical characterization of lime-based materials, the study of recycling processes for lime-based material waste, and the definition of potential uses for the recycled materials obtained. The selected candidate will also actively contribute to the dissemination of the project's results through writing scientific articles, presenting at conferences, and preparing scientific reports.

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 CERIS of IST-ID, under the scientific supervision of Doctor Bruna Silva.

Duration: The research fellowship will have the duration of 12 months. It's expected to begin in April 2025 and may be eventually renewed until the end of the project, with the limit of 48 months, including the duration of the initial contract.

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 €1259.64, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following:

- 1) *Curriculum* evaluation based on previous experience in topics related to the grant, worth 60%;
- 2) Motivation letter, worth 10%;
- 3) Individual interview, worth 30%, for the candidates with the highest scores (up to a maximum of six).

The scoring for each method is from 0 to 20, and candidates not selected for the individual interview will be excluded.

Composition of the selection Jury: Doutor Bruna Silva, Prof. Ana Paula Ferreira Pinto e Prof. Manuel Pereira.

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

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from February 27 until March 13, 2025.

It is mandatory to formalize applications with the submission of the following documents:



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B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>);

- i) Curriculum Vitae;
- ii) Certificates of previous academic degrees;
- iii) Proof of enrollment in a doctoral program;
- iv) Motivation letter.

Applications must be submitted to the email: bruna.silva@tecnico.ulisboa.pt with “Application for research studentship” in the subject line of the email.



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