

(BL91/2024_IST-ID)

Research Studentships (for PhD students)

Applications are open for 1 Scientific Studentship, within the framework of project/R&D institution CITIESTWINS - 2022.15504.MIT, with the financial support of FCT/MCTES (PIDDAC) through national funds under the Programme MIT Portugal 2022, under the following conditions:

Scientific Area: Civil Engineering

Admission Requirements: To be enrolled PhD.

Workplan: The work to be carried out focuses on modeling the maintenance needs of urban buildings in combination with energy efficiency concerns.

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 (Civil Engineering Research and Innovation for Sustainability) of Instituto Superior Técnico, under the scientific supervision of Dr. Ana Silva and Dr. Maria Paula Mendes.

Duration: The research fellowship(s) will have the duration of 9 months. It's expected to begin in April/2024. The scholarship contract is not renewable.

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 1.259,64 €, being the payment method by Wire Transfer.

Selection methods: The selection methods will be the following: curricular assessment - 60%, and individual interview - 40%. The curricular evaluation will be carried out according to the following components: enrolment and classification in a higher education course in Civil Engineering (20%); experience in durability, maintenance and resilience of constructions (30%); scientific publications in indexed journals in durability, maintenance and resilience of constructions (20%); proved experience in the application of artificial intelligence tools, statistical models and BIM (30%). The final evaluation results from the sum of the curricular evaluation and the interview evaluation. If none of the candidates has the appropriate profile, the scholarship will not be awarded.

Composition of the selection Jury: Dr. Ana Silva, Dr. Maria Paula Mendes and Prof. José Dinis Silvestre.

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 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 (PhD); v) motivation letter.

Applications must be submitted to the email: bolsas@drh.tecnico.ulisboa.pt