(BL176/2026-IST-ID)

Research Studentships (Master or Integrated Master students)

Applications are open for one Research Studentship, within the framework of EUROCOD3D/CERIS, **CERIS BASE - DIREÇÃO, UID/06438/2025**, financed by national funds through FCT/MCTES, under the following conditions:

Scientific Area: Civil Engineering, Materials Engineering, Mechanical Engineering, and related scientific areas

Admission Requirements: The candidate must be enrolled in an integrated master's degree or a master's degree in Civil Engineering, Materials Engineering, Mechanical Engineering, or related scientific areas. Preference will be given to students with interest in experimental testing.

Workplan: The selected candidate will carry out research activities within the scope of project EUROCOD3D – *Towards Eurocode design of 3D-printed concrete structures*. The work plan includes the following activities: (i) defining an experimental programme based on slant shear tests to characterise the interface between 3D-printed concrete (3DPC) and conventional concrete; (ii) preparing and performing the slant shear tests; (iii) characterising the morphology and roughness of 3DPC; (iv) other laboratory activities within the scope of the EUROCOD3D project; (v) writing reports and/or scientific papers on the work carried out.

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://dre.pt/application/file/a/127230968 .

Workplace: The work will be developed at the Department of Civil Engineering, Architecture and Environment of Instituto Superior Técnico under the scientific supervision of Doctor João Nuno Pacheco and Professor Eduardo Júlio.

Duration: The research fellowship will have the duration of 6 months. It is expected to begin in January 4th, 2027. The contract is not renewable.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2026/), the amount of the monthly maintenance allowance is € 1 090,98, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods to be used will be the following: (i) curriculum assessment (75% weighting) and (ii) interview (25% weighting).

Composition of the selection Jury: Doctor João Nuno Pacheco, Assistant Researcher at IST-ID, Professor Eduardo Júlio, Full Professor at the Department of Civil Engineering, Architecture and Environment of Instituto Superior Técnico, Professor André Furtado, Assistant Professor at the Department of Civil Engineering, Architecture and Environment of Instituto Superior Técnico.

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 November 10 until November 23, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados); ii) *Curriculum Vitae*; iii) academic degree certificate; iv) proof of enrollment at an academic degree course (Master or Integrated Master); and v) motivation letter.

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

Fundação para a Ciência e a Tecnologia