

(BL84/2025_IST-ID)

Research Studentship

Applications are open for 1 Research Studentship, within the framework of 1801P.01224.1.01 - BE.Neutral, contract nº 35, financed by the European and Resilience Plan, under the following conditions:

Scientific Area: Mechanical Engineering and Engineering Systems, Energy and Environment

Admission Requirements:

a) *To be enrolled at a PhD*

b) To have a master's degree in architecture, environmental engineering or related subjects.

c) To have knowledge in the field of building energy modelling, thermal comfort evaluation, net zero energy buildings strategies.

Workplan: Development of energy models to assess building energy consumption and the impact of decarbonization measures of the building stock, by considering thermal comfort enhancement, and net zero energy strategies. Preference is given to candidates with knowledge of programming (Python).

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; IST-ID Regulation of Scientific Research Fellowships, available on <https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados> .

Workplace: The work will be developed at the Civil Department, of Instituto Superior Técnico, under the scientific supervision of Professor Manuel Correia Guedes.

Duration: The research fellowship(s) will have the duration of 8 months. It's expected to begin in May 2025 and may be eventually renewed up to the duration of the project, with the limit of 48 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 1309.64, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following: *Curriculum evaluation, with the respective assessment of curricular excellence (40%) and relevant experience for the project (40%). The best-ranked candidates in the curriculum evaluation will be invited to an individual interview, knowledge tests, others), with the respective weight of 20%.*

Composition of the selection Jury: Prof. Paulo Ferrão, Prof. Manuel Correia Guedes and Dr. Ricardo Gomes.

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, or an appeal to the Executive Board of IST-ID, within 15 working days counted from the respective notification.

Application deadline and formalization: The call is open from April 14 until April 29, 2025.

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: jobs@in3.tecnico.ulisboa.pt