

(BL118/2025)

CALL FOR THE AWARD OF SCHOLARSHIPS UNDER R&D PROJECTS AND INSTITUTIONS

1 Scientific Initiation Scholarship

A call is now open for the award of 1 Scientific Initiation Scholarship within the Department of Mechanical Engineering, under the PT2020 Partnership Agreement, under the following conditions:

Scientific Area: Mechanical Engineering and related fields

Admission Requirements: Students enrolled in the 1st or 2nd cycle of studies in Mechanical, Aerospace, or Naval Engineering, or related areas. Preferred Factors: Knowledge of geometric modeling software, finite element analysis and simulation; Broad understanding in structural and thermal fields; Strong skills in installing, configuring, and using operating systems; Experience in hardware/software installation, maintenance and diagnostic, as well as for net equipment.

Work Plan: Support in the use of geometric modeling, finite element analysis and simulation software; Maintenance of computer equipment and informatics systems; Conducting small workshops and training sessions on software usage.

Applicable Legislation and Regulations: Law No. 40/2004 of August 18 (Statute of the Scientific Research Fellow in portuguese) and IST Regulation of Scientific Research Fellowships, available on https://drh.tecnico.ulisboa.pt/files/sites/45/despacho_8532_regulamento_bolsas.pdf

Workplace: The work will be carried out at LEMAC/LTI of the Department of Mechanical Engineering at Instituto Superior Técnico, under the scientific supervision of Professor Miguel António Lopes de Matos Neves.

Duration of the Scholarship(s): The scholarship will have a duration of 12 months, with a planned start date in September 2025. The scholarship contract is non-renewable.

Monthly Maintenance Allowance: The scholarship amount is €651.12, and will be paid via bank transfer.

Selection Methods: The selection methods to be used are as follows: curriculum evaluation and interview, weighted at 70% and 30%, respectively.

Selection Committee Composition: Full Professor Paulo Rui Alves Fernandes (Employee No. 3157); Assistant Professor Miguel António Lopes de Matos Neves (Employee No. 3443); Assistant Professor João Carlos Prata dos Reis (Employee No. 4040).

Publication/Notification of Results: All candidates will be notified of the Final Result via email.

Deadlines and procedures of complaint and appeal: A complaint may be lodged from the final decision, or an appeal to the President of IST, within 15 working days counted from the respective notification.

Application Period and Submission Method: The call is open from July 16 until July 22, 2025.

Applications must be submitted exclusively by sending the following documents: i) Form B1 – Research Fellowship Application (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/>); ii) Curriculum Vitae; iii) Academic transcript/certificate; iv) Motivation letter.

These documents must be sent by email to: miguel.matos.neves@tecnico.ulisboa.pt