

Research Studentships (for Master or Integrated Master students)

Applications are open for 1 Research Studentship, within the framework of project R&D R2UTechnologies | Modular Systems, 1018P.06284, financed by national funds through the Resilience and Recovery Program (PRR), under the following conditions:

Scientific Area: Civil Engineering

Admission Requirements: *To be enrolled at an integrated master or a master.*

Workplan: The main objective of the work is to contribute to the promotion of indoor air quality in modular construction buildings. It includes assessing air quality requirements in residential buildings, reviewing legislation and regulatory documents on air quality and ventilation, developing a natural ventilation project for a modular construction building under different scenarios, and assessing indoor air quality parameters in a prototype.

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 Regulation of Research Fellowships, available on https://drh.tecnico.ulisboa.pt/files/sites/45/despacho_8532_regulamento_bolsas.pdf.

Workplace: The work will be developed at the Department of Civil Engineering, Architecture and Environment of the Alameda Campus of Instituto Superior Técnico and Department of Nuclear Science and Engineering of the Loures Campus of Instituto Superior Técnico, under the scientific supervision of Professor Maria da Glória de Almeida Gomes and Researcher Susana Marta Lopes Almeida.

Duration: The research fellowship(s) will have a duration of 8 months. It's expected to begin in May 2025, and is not renewable.

Monthly maintenance allowance: The amount of the monthly maintenance allowance is € 1040,98, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following:

Evaluation of the Curriculum and Motivation Letter with References (75%)

Candidates will be assessed based on their curriculum and motivation letter, which must include one reference (name and email of a professor for contact), with a score ranging from 0 to 20 points. The evaluation criteria are:

- a) Enrolment in a Master's programme in Civil Engineering (45%)
- b) Experience in developing ventilation projects (20%)
- c) Communication skills demonstrated in the motivation letter (10%)

2 - Individual Interviews (25%)

Candidates scoring above 14 points in the initial evaluation will be invited for an individual interview.

Composition of the selection Jury: Susana Marta Lopes Almeida, Maria da Glória de Almeida Gomes and Miguel António Felizardo Costa

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 President of IST, 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 (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/>); ii) *Curriculum Vitae*; iii) academic degree

certificate, where applicable; iv) proof of enrollment at an academic degree course (Master, Integrated Master); v) motivation letter;

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