

**Research Studentships (for students of a course that does not award an academic degree or PhD 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:** Structural Mechanics and Structures – Civil Engineering

**Admission Requirements:**

*a) to hold a bachelor or master degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units;*

*b) not to exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions.*

Or

*a) To be enrolled at a PhD.*

**Workplan:** (1) Numerical simulation of the behaviour of connections between prefabricated concrete walls using finite elements; (2) Case study analysis; (3) Processing and analysis of results; (4) Preparation of scientific reports and dissemination.

**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 Scientific Research Fellowships, available on [https://drh.tecnico.ulisboa.pt/files/sites/45/despacho\\_8532\\_regulamento\\_bolsas.pdf](https://drh.tecnico.ulisboa.pt/files/sites/45/despacho_8532_regulamento_bolsas.pdf)

**Workplace:** The work will be developed at the Civil Engineering and Environmental Department of the Instituto Superior Técnico, under the scientific supervision of Professor André Furtado.

**Duration:** The research fellowship will have a duration of 4 months. It's expected to begin in September 2025 and may be renewable up to 12 months, in case of students of a course that does not award an academic degree, or 48 months, in case of PhD students, including the duration of the initial contract in both cases.

**Monthly maintenance allowance:** the amount of the monthly maintenance allowance is €1040,98, in case of bachelors enrolled at a course that does not award an academic degree, or €1309,64, in the other cases, being the payment method of the Fellow by wire transfer.

**Selection methods:** The selection methods will be the following:

1 - Evaluation of the curriculum and motivation letter with references (75%)

The criteria used to evaluate the candidates' curriculum and motivation letter containing 1 reference (name and email of a Professor for contact), with a weight of 0 - 20 points, will be:

a) Completed Master's degree in the specialization area of structures (preference for the subarea of structural concrete or seismic engineering) (45%)

c) Scientific activity (publications and scientific communications, participation in projects) (20%)

d) Communication skills (motivation letter) (10%)

In addition to the aforementioned requirements, candidates for the research grant must have a background in the scientific area of Civil Engineering, Structural Engineering, or related areas. Experience in research projects in the

area of prefabricated concrete structures (experimental and/or numerical), as well as skills in the seismic behavior of structures, will be valued.

2 - Possible individual interviews of candidates with the same highest classification (25%).

**Composition of the selection Jury:** Professors André Furtado, Eduardo Júlio and João Firmo

**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, within 15 working days counted from the respective notification.

**Application deadline and formalization:** The call is open from September 1 until September 12, 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 (PhD) or at a course that does not award an academic degree; v) motivation letter; vi) (for holders of Bachelor or Master degrees who are enrolled at a course that does not award an academic degree) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

Applications must be submitted to the email: [andre.furtado@tecnico.ulisboa.pt](mailto:andre.furtado@tecnico.ulisboa.pt) and [bolsas@drh.tecnico.ulisboa.pt](mailto:bolsas@drh.tecnico.ulisboa.pt)