

(BL105/2024)

## Scientific Initiation Studentships

Applications are open for one (1) Scientific Initiation Studentships within the framework of project/R&D institution (title of the project R2UTechnologies, internal reference 1018P.06284, financed by Plano de Recuperação e Resiliência (PRR-IAPMEI), under the following conditions:

**Scientific Area:** Civil Engineering

**Admission Requirements:** to be enrolled at a bachelor or master in Civil Engineering.

Candidates for this research fellowship should have: (1) Interest in research in the field of structures, with emphasis on the area of structural concrete and prefabrication; (2) Interest in experimental testing; (3) Proficiency in Portuguese (spoken and written, advanced - preferred factor) and English (spoken and written).

**Workplan:** The work plan includes: (1) Support in the preparation and performance of a testing campaign of connections between precast structural elements; (2) Processing and analysis of results; (3) Support in disseminating the results.

**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://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

**Workplace:** The work will be developed at CERIS of Instituto Superior Técnico, under the scientific supervision of Professor André Filipe Castanheira Alves Furtado.

**Duration:** The research fellowship will have a duration of 6 months. It's expected to begin in July 2024 and may be eventually renewed up to a maximum of 6 months.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal ([https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM\\_atualizacao-2024.pdf](https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf)), the amount of the monthly maintenance allowance is €601.12 being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: Curriculum Vitae (70%); motivation letter (15%); and individual interview for final selection (15%).

**Composition of the selection Jury:** Professor Eduardo Júlio, Professor André Furtado and Professor João Almeida

**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 within 30 working days, both counted from the respective notification

**Application deadline and formalization:** The call is open from June 14 until June 27, 2024.

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; iv) motivation letter; and v) proof of enrolment at an academic degree course (Bachelor or Master).

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