

(BL193/2024)

Research Studentships (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: Architecture

Admission Requirements: *To be enrolled at a PhD.*

Applicants for the doctoral student scholarship must also: 1) hold a Master's degree in Architecture; 2) research experience in the area of architecture, with emphasis on the field of housing and prefabrication; 3) practice in architectural design, with emphasis on participation in housing projects, collaboration with different specialties and at different scales of project development (including detailing); (4) practice in the use of the following computer programs: Adobe InDesign; Adobe Illustrator, Adobe Photoshop; AutoCad; Corel Draw; Lightroom; Access; Word; Excel and Powerpoint; (5) Mastery of Portuguese and English.

Workplan: The work plan includes: (1) Research and review of reference literature for the project; (2) Survey of national and international prefabrication solutions and evaluation of their implementation in spatial solutions, with a special focus on those developed within reinforced concrete technology; (3) Design of standard spatial solutions for different building typologies using standardised elements and modular solutions; (4) Systematization of spatial solutions for different building typologies, combining the set of defined prefabricated elements; (5) Conducting fieldwork; (6) Participation in all activities considered necessary for the regular development of the project; (7) Support in organising and participating in initiatives to disseminate the project 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; IST Research Fellowships Regulation, available on 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 Alexandra Alegre and Professor Francisco Teixeira Bastos

Duration: The research fellowship will have a duration of 12 months. It's expected to begin in november/2024. and may eventually renewed for equal periods until the project's end date, with the limit of 48 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is €1259.64, being the payment method by Wire Transfer.

Selection methods: The selection method to be used is as follows: selection of three candidates based on the curriculum (80%) and the motivation letter (20%). An optional interview will be conducted in case of a tie between candidates.

Composition of the selection Jury: Professor Alexandra Alegre, Professor Francisco Teixeira Bastos and Professor Eduardo Júlio

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-ID within 30 working days, both counted from the respective notification

Application deadline and formalization: The call is open from October 9 until October 22, 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, where applicable; iv) proof of enrollment at an academic degree course (Master, Integrated Master or PhD) or at a course that does not award an academic degree; v) motivation letter.

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