

(BL111/2024-IST-ID)

### Scientific Initiation Studentships

Applications are open for one Scientific Initiation Studentships, within the framework of project Streets4ALL (1801P.01142.1.01), PTDC/ECI-TRA/3120/2021, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

**Scientific Area:** Civil Engineering

#### Admission Requirements:

- a) *To be enrolled at an integrated master or master degree;*
- 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;*
- c) *not to have held any other fellowship directly or indirectly funded by FCT.*

Adding to the previous requirements, applicants will be excluded if the final grade (as calculated with the formula specified in the selection method) scores below 50%.

**Workplan:** The candidate will carry out activities within the framework of the STREETS4ALL project. After reviewing the dynamic space allocation strategies proposed in the project, data will be collected on sites where car-centered, active transport-centered and public transport-oriented urban interventions have taken place. Firstly, images of before and after the intervention will be collected using the Google Street View "Time Machine". After data collection, the applicant will develop an online survey with pairwise image comparisons. The survey will be disseminated online to different regions in the world. Participants will compare two images of a street segment, one from a previous time and one from the present with visible interventions, to assess their preferred state and selection criteria. Participants will also rate the urban change in terms of its usefulness, aesthetics, safety and environmental impact on a 5-point Likert scale. Finally, the candidate will carry out a descriptive analysis of the data, preferably using programming tools. The work will conclude with the preparation of a draft scientific article to be published in a specialized international journal.

**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 coordination of Prof Filipe Moura.

**Duration:** The research fellowship(s) will have the duration of 6 months. It's expected to begin in June/2024 and may be possibly renewed up to the maximum of 12 months, including the duration of the initial contract.

**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.



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**Selection methods:** The selection methods will be the following: i) *Curriculum evaluation (CV)*; ii) experience in research in the field of environmental engineering, energy and transport (especially in urban mobility and active modes) (EXP); iii) *individual interview (INT)*, with the respective weight of (i) 50%, (ii) 25% and (iii) 25%, in the final classification (CF). During the interview, if a candidate does not proof her/his English proficiency, the application will not be excluded.

The Final Grade (FG) is calculated with the following equation:  $FG = 50\% \times CV + 25\% \times EXP + 25\% \times INT$ .

**Composition of the selection Jury:** Filipe Moura, Ana Sá e Rosa Félix.

**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 May 6 until May 17, 2024.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/> ); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course or at a course that does not award an academic degree; v) declaration on honour that the applicant does not exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions, and has not held any other fellowship directly or indirectly funded by FCT.

Applications must be submitted to the email: [teresa.afonso@tecnico.ulisboa.pt](mailto:teresa.afonso@tecnico.ulisboa.pt)



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