

(BL103/2022-IST-ID)

### Research Studentships (Master or Integrated Master students)

Applications are open for 1 Research Studentship(s), within the framework of project (1801P.00834.1.01) WinTherface, PTDC/CTA-OHR/30561/2017, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

**Scientific Area:** Mechanical engineering and engineering systems or Civil engineering or similar areas

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

**Workplan:** Objective: Collaboration in experimental work to study density currents on the scope of task 3 of the WinTherface project. The work plan includes: 1. Supporting research activities including: i) adaptation of an experimental installation; ii) conducting laboratory tests; iii) treatment of density current velocity and concentration databases. 2. Preparing reports and a scientific publication.

**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 – Civil Engineering Research and Innovation for Sustainability of Instituto Superior Técnico, under the scientific supervision of Doutora Ana Margarida Ricardo.

**Duration:** The research fellowship(s) will have the duration of 3 months. It's expected to begin in June 2022 and can be renewed for a maximum of 3 months.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal (<http://www.fct.pt/apoios/bolsas/valores>), the amount of the monthly maintenance allowance is €875.98, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: Curriculum evaluation, laboratory work experience and experience in scientific projects with the respective weight of 40%, 40% and 20%.

**Composition of the selection Jury:** Doutora Ana Margarida Ricardo, Doutor Rui Aleixo and Professor Rui Ferreira

**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 30 until June 14, 2022.

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 (Master or Integrated Master); v) motivation letter.

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