

(BL143/2023-IST-ID)

### Research Studentships (PhD students)

Applications are open for 1 Research Studentship, within the framework of project/R&D institution I&D CERIS/1801P.01063/PTDC/ECI-CON/2240/2020 – New Fireproof Dwellings for WildFire, financed by national funds through FCT/MCTES (PIDDAC) and co-financed by the European Regional Development Fund (FEDER) through COMPETE – “Programa Operacional Fatores de Competitividade (POFC)” / with the financial support of FCT/MCTES (PIDDAC), under the following conditions:

**Scientific Area:** Construction (Civil Engineering)

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

**Workplan:** Research in the field in the protection of dwellings against wildland fires. It consists in the experimental study of different constructive solutions, and its thermal performance when hit by a wildfire, by means of laboratory models, for fire simulation.

**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 Professor Fernando Branco, do Doctor Mário Rui Arruda, e do Doctor João Pedro Firmo

**Duration:** The research fellowship will have the duration of 12 months. It's expected to begin in June 2023, and may be eventually renewed up to the conclusion of the project.

**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 1199.64€, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: *Curriculum evaluation (100%) with remarks in investigation in civil engineering. An individual interview is possible to tiebreaker (specifying its conditions), knowledge tests, others*), with the respective weight of 25% and 75% for the curriculum evaluation.

**Composition of the selection Jury:** Professor Carlos Tiago, Doctor Mário Rui Arruda, Doutor 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 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 10 until May 23, 2023.

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 a course that does not award an academic degree; v) motivation letter;

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