

(BL236/2023-IST-ID)

### Research Studentships (PhD students)

Applications are open for 1 Research Studentship, within the framework of project FirePuma - Forest Fire Prevention through Uncertainty Minimization in Surveillance - PCIF/MPG/0156/2019, financed by national funds through FCT under the following conditions:

**Scientific Area:** Automation, Control and Robotics

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

**Workplan:** Development of algorithms to design trajectories for surveillance of forests with time varying risk.

**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 Institute for Systems and Robotics of Instituto Superior Técnico, under the scientific supervision of Prof. Daniel Silvestre and Prof. Rita Cunha.

**Duration:** The research fellowship(s) will have the duration of 12 months. It's expected to begin in October of 2023 and may be eventually renewed up to the maximum of 5 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 € 1199.64, being the payment method an option of the Fellow by Wire Transfer.

**Selection methods:** The selection methods will be the following: 70% for curricular evaluation and 30% for experience in research projects related to the workplan. In case the jury deems necessary, it can be requested an individual interview with the weight of 50% being the mentioned metrics reduced to 35% for the curricular evaluation and 15% for the previous experience.

**Composition of the selection Jury:** Prof. Rita Cunha, Prof. David Cabecinhas, Prof. Pedro batista and Prof. Daniel Silvestre.

**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 September 11 until September 22, 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; iv) motivation letter; v) declaration on honour that the applicant does not exceed with this contract an accumulated period of three years in this type of fellowship, continuously or with interruptions, within the technological and scientific system.

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