

(BL176/2022-IST-ID)

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

Applications are open for 1 Research Studentship(s), within the framework of project/R&D institution (title of the project/R&D institution's name), (PCIF/MPG/0156/2019), financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

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

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

**Workplan:** Develop a toolbox capable of fusing heterogeneous measurements of the state of a dynamical system where a subset of the sensors is providing data corrupted by an attacker.

**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 Professor Daniel Silvestre and Professor Rita Cunha.

**Duration:** The research fellowship(s) will have the duration of 12 months. It's expected to begin in October of 2022, and may be eventually renewed up to the maximum of 6 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: 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 Casau 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 16 until September 29, 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, Integrated Master); v) motivation letter;

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