

#### 4 Research Studentships for Master or Integrated Master students

Applications are open for 4 Research Studentships, within the framework of project SmartRetail (reference C645440011-00000062) financed by national funds through PRR (Plano de Recuperação e Resiliência), through IAPMEI - Agência para a Competitividade e Inovação, under the following conditions:

**Scientific Area:** Aerospace, Biomedical, Computer Science, Physics, Electrical and Computer Engineering, Data Science and Applied Mathematics and Computation

**Admission Requirements:** to hold a bachelor degree in scientific areas mentioned above and to be enrolled at an integrated master or a master.

**Workplan:** The purpose of these grants is to do research and development in project SmartRetail (<http://smartretail.tecnico.ulisboa.pt>). The work will be done in collaboration with several members of Signal and Image Processing group (SIPg - [https://welcome.isr.tecnico.ulisboa.pt/projects\\_cat/sipg/](https://welcome.isr.tecnico.ulisboa.pt/projects_cat/sipg/)) and depending on the profile of the selected candidates it can focus on different aspects, from theory to application to implementation. The main topics are the following:

- Computer Vision and/or Robotics/Manipulation
- Machine/Deep Learning
- Optimization
- Software

**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 Instituto de Sistemas e Robótica of Instituto Superior Técnico, under the scientific coordination of Professor João Paulo Costeira and Doctor Manuel Marques. Depending on the topic and specific workplan supervision will include other faculty/researchers.

**Duration:** The research fellowship will have an initial duration of 3 months. It's expected to begin in 05/2023, and may be eventually renewed.

**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 € 930.98, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** Curriculum evaluation. There may be a possible individual interview, eliminatory in nature, to be used only if the previous selection method is not enough for a decision.

**Composition of the selection Jury:** Professors João Paulo Costeira, João Pedro Gomes and Doctor Manuel Marques.

**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 within 30 working days, both counted from the respective notification.

**Application deadline and formalization:** The call is open from April 10 until April 28, 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) proof of enrollment at an academic degree course (Master or Integrated Master);
- v) motivation letter;

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