

Research Studentships for PhD students

Applications are open for one (1) Research Studentship(s), within the framework of project/R&D institution AI-Pack-Bot: Artificial Intelligence for collaborative Robotic packing of open-category heterogeneous objects /Instituto de Sistemas e Robótica, (14935 – LISBOA2030-FEDER-00854700), 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) under the Partnership Agreement LISBOA2030, under the following conditions:

Scientific Area: Electrical and Computers Engineering

Admission Requirements: *To be enrolled at PhD.*

Workplan: The main objective is to develop the learning-based control algorithms for the bimanual platform Baxter and Franka, in order to grasp fragile objects in the context of packing grocery items.

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://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at the Institute for Systems and Robotics of LARSyS and IST-ID, under the scientific supervision of Dr. Plinio Moreno López.

Duration: The research fellowship will have the duration of 6 months, and may be eventually renewed up to the maximum of 24 months. It's expected to begin in September of 2026.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2026/>), the amount of the monthly maintenance allowance is € 1359,64, being the payment by Wire Transfer.

Selection methods: The selection methods will be the following: *Curriculum evaluation, previous experience on learning-based grasping for robots*, with the respective weight of 50% for the curriculum and 50% for the previous experience on learning-based grasping.

Composition of the selection Jury: Prof. José Santos-Victor, Prof. Alexandre Bernardino and Dr. Plinio Moreno López

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 August 18 until August 31, 2026.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) motivation letter.

Applications must be submitted to <https://isr.tecnico.ulisboa.pt/scholarships/>



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