

Research Studentships (for Master or Integrated Master students)

Applications are open for 1 Research Studentship(s), within the framework of project/R&D institution LA/P/0083/2020 - ISR - DSOR LAB/ISR (1801P.01158.1.02) and LARSYS/ISR BASE 2025-2029 - DSOR LAB/ISR (1801P.01460.1.02), financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Automation, Control and Robotics (Automação, Controlo e Robótica)

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

Workplan: Study and development of methodologies for distributed motion planning and control of multiple autonomous vehicles. Implementation of the developed algorithms in simulation environments and subsequent migration, testing, and validation with real vehicles.

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 (ISR-Lisboa) do Instituto Superior Técnico, under the scientific supervision of Prof Rita Cunha.

Duration: The research fellowship will have the duration of 12 months. It is expected to begin in November 2025 and may be eventually renewed.

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-2025/>), the amount of the monthly maintenance allowance is € 1049,98, being the payment method by Wire Transfer.

Selection methods: The selection methods will be the following: curriculum evaluation (40%), evaluation of technical and scientific knowledge in the areas of control and robotics, specifically with application to autonomous vehicles and including experience with ROS implementations (60%).

Composition of the selection Jury: Rita Cunha, António Pascoal, David Cabecinhas.

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 November 6 until November 19, 2025.

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) proof of enrollment at an academic degree course (Master, Integrated Master); v) motivation letter;

Applications must be submitted at: <https://welcome.isr.tecnico.ulisboa.pt/opportunities/>



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