

Research Studentships (Master or Integrated Master students)

Applications are open for 1 Research Studentship, within the framework of project 1801P.01603 – ERROR-MM 2024.14234.CMU CC931101 of IST-ID, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Computer and Information Sciences; Electrical Engineering, Electronic Engineering, Information Engineering

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

Workplan: In this studentship, the MSc student will support the research tasks of the project: Exploring Robotlike RObot behavioRs in users' Mental Models (ERROR-MM). The ERROR-MM project will explore a novel idea of robotlikeness and test its effect on the accuracy of human mental models of robots. Specifically, starting with movement, as it is the basis of any robotic behaviour, the project aims at testing the hypothesis that a robot employing robotlike behaviours will lead humans to have better mental models of a robot's true capabilities compared to a robot that employs humanlike behaviours. The challenges of the ERROR-MM project are divided into the following four tasks, in which the student will actively participate: 1) investigate the perception of robotlikeness in the movement of robots; 2) validate the manipulation of high and low robotlike movements for robots through online studies; 3) computationally develop autonomous robotlike behaviours, and 4) test the aforementioned hypothesis through in-person studies. The student will conduct empirical user studies, create and validate stimuli, develop robotic behaviors, analyse data, write scientific papers, and engage in collaborative team between ITI, CMU and Bielefeld University.

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 Interactive Technologies Institute of IST-ID, under the scientific supervision of Prof. Filipa Isabel Nogueira Correia.

Duration: The research fellowship(s) will have the duration of 4 months. It's expected to begin in July 2026, and may be eventually renewed up to the end of the project.

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 €1090.98, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: Curriculum evaluation (namely background in the research area defined in the workplan), and motivation letter with the respective weights of 70% and 30%.

Composition of the selection Jury: Dr. Filipa Correia, Dr. Daniel Lopes, Dr. Hugo Nicolau

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 June 11 until June 24, 2026.



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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 to the email: filipacorreia@tecnico.ulisboa.pt & susana.nobrega@tecnico.ulisboa.pt



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