**(BL283/2025-IST-ID)**

**Research Studentships (PhD students)**

Applications are open for 1 Research Studentship(s), within the framework of project Exploring Robotlike RObot behavioRs in users' Mental Models (ERROR-MM), 2024.14234.CMU, financed by national funds through FCT/MCTES (PIDDAC) with the financial support of FCT/MCTES, under the following conditions:

**Scientific Area:** Computer Science and Engineering, Electrical and Computer Engineering

**Admission Requirements:** *To be enrolled at a PhD.*

**Workplan:** In this studentship, the PhD 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 the Interactive Technologies Institute of IST-ID, under the scientific supervision of Dr. Filipa Correia.

**Duration:** The research fellowship(s) will have the duration of 12 months. It's expected to begin in January 2026. Not 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 €1,309.64€, 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. Hugo Nicolau, Dr. Nuno Nunes, Dr. Daniel Lopes

**Announcement/ notification of the results**: The final evaluation results will be communicated to all applicants by email.

**Application deadline and formalization**: The call is open from January 6 until January 19, 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) proof of enrollment at an academic degree course (PhD); v) motivation letter;

Applications must be submitted to the email*: bolsas@drh.tecnico.ulisboa.pt*

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