(BL299/2024_IST-ID)

Research Studentship for students of a course that does not award an academic degree

Applications are open for 1 Research Studentship for students of a course that does not award an academic degree, within the framework of project Responsible.AI (Contrato nº 12 - IST-ID) financed by national funds PRR (Plano de Recuperação e Resiliência), through IAPMEI - Agência para a Competitividade e Inovação, under the following conditions:

Scientific Area: Biomedical Systems and Biosignals

Admission Requirements: Master's Degree in Biomedical Engineering or related fields; to be enrolled at a course that does not award an academic degree; and not to exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions.

Workplan: The fellow will analyze the effects of arousal and vigilance on brain dynamics based on electroencephalography and functional magnetic resonance imaging data recorded during rest.

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; IST-ID Research Fellowships Regulation, available on https://ist-id.pt/files/sites/43/regulamento-de-bolsas-da-ist_id-2.pdf .

Workplace: The work will be developed at Institute for Systems and Robotics (ISR-LIsboa) of Instituto Superior Técnico, under the scientific supervision of Professor Patrícia Figueiredo.

Duration: The research fellowship will have the duration of 12 months. It is expected to begin in January 2025 and it is not renewable.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is €1259,64, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following: 1) relevance of academic degree and respective grade (25%); 2) experience in the analysis of arousal and vigilance effects on EEG and fMRI signals (25%); 3) motivation letter (25%); e 4) global evaluation by the jury (25%). The jury will interview up to a maximum of three candidates with the highest marks. In order to make a more objective assessment of some of these criteria, the interview* will count 50% towards each of the above criteria.

Composition of the selection Jury: Professors Patricia Figueiredo, Athanasios Vourvopoulos, and João Sanches.

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 December 9 until December 20,2024.

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) *Official* academic degree certificate;

iv) Proof of enrollment at a course that does not award an academic degree which must be presented at the time of contract signature;

   v) Motivation letter;

   vi) Declaration on honour that the applicant does not exceed with this contract an accumulated period of one year in this type of studentship, continuously or with interruptions.

   Applications must be submitted at **https://welcome.isr.tecnico.ulisboa.pt/scholarships/**