

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

Applications are open for one Research Studentship, within the framework of project **(1801P.01601.1.01) MI-DBS (2024.12651.CMU)** - IST-ID, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Biomedical Systems and and Biosignals

Admission Requirements: Master's Degree in Biomedical Engineering or related fields and be enrolled in a course that does not award an academic degree, and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units

Workplan: Identification of brain stimulation targets for depression based on multimodal neuroimaging data. A combination of public and private EEG and fMRI datasets, from patients with depression as well as healthy controls, will be analysed to study connectivity in depression-related brain networks across multiple temporal and spatial scales. In vitro modelling approaches will then be employed to identify a set of potential brain stimulation targets for depression, accessible through minimally- or non- invasive techniques.

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 Institute of Systems and Robotics of Instituto Superior Técnico, under the scientific supervision of Professor Patricia Figueiredo.

Duration: The research fellowship will have the duration of 6 months. It's expected to begin on 1 February 2026, 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 €1309,64, 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) research experience in neuronal stimulation, including in-vitro modeling (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. 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 Patrícia Figueiredo, Rita Nunes and Sérgio Pequito.

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 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*;



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- 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 two years in this type of studentship, continuously or with interruptions.

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



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