

1 Research Studentships for PhD students

Applications are open for one Research Studentship for PhD Students, within the framework of project **1801P.01158.1.06 LA/P/0083/2020 - ISR - LASEEB LAB/ISR** and **1801P.01460.1.06 LARSYS/ISR BASE 2025-2029 - LASEEB LAB/ISR**, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Biomedical Systems and and Biosignals

Admission Requirements: To be enrolled at a PhD, at the starting date of the grant contract

Workplan: Implementation of computational models of resting-state whole-brain activity and development of a framework to estimate effective connectivity by fitting these models to simultaneous EEG and fMRI signals of brain dynamics. The model estimates obtained based on EEG and fMRI signals will be compared and their relationship with the underlying structural connectivity investigated.

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 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 in 1 September 2025, and may be eventually renewed up to the maximum of 48 months, including the duration of the initial contract.

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) experience of research in multimodal neuroimaging by electroencephalography and functional magnetic resonance imaging, as well as whole-brain computational modeling of brain networks (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 Patrícia Figueiredo, Rita Nunes and Sérgio Pequeto.

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 July 21 until August 1, 2025.

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 in a doctoral program;
- v) Motivation letter;



Fundação
para a Ciência
e a Tecnologia

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



**Fundação
para a Ciência
e a Tecnologia**