

(BL106/2026-IST-ID)

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

Applications are open for 1 Research Studentship(s), within the framework of project 1801P.01532 - NextGen, financed by EU under the following conditions:

Scientific Area: Artificial Intelligence and Signal Processing

Admission Requirements:

a) to hold a BSc degree and be enrolled at 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;

b) not to exceed with this contract, including the possible renovations, an accumulated period of two years in this type of studentship, continuously or with interruptions.

Workplan: Missing data is a challenging problem when developing multimodal AI systems. Healthcare is a particular field, where it is impossible to ensure that recovered patients will have similar combinations of modalities. This project seeks to develop mechanisms to align unimodal public datasets, such that they can be used efficiently to train multimodal systems. In particular, the candidate will explore LLMs and other machine learning tools to annotate unimodal cardiovascular data, generating synthetic labels that can be used to align various unimodal datasets with different characteristics.

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 Regulation of Scientific Research Fellowships, available on <https://ist-id.pt/recursos/documentos/recursos-humanos/bolseiros/#1690453819726-6707f7f2-ce04>

Workplace: The work will be developed at VisLab of Institute for Systems and Robotics, under the scientific supervision of Prof. Catarina Barata.

Duration: The research fellowship will have the duration of 3 months and is not renewable.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 1090.98, being the payment method by Wire Transfer.

Selection methods: The selection methods will be the following: Curriculum evaluation (60%), motivation letter (40%). The candidates may be invited for an interview, for additional discrimination between levels of expertise.

Composition of the selection Jury: Prof. Catarina Barata, Prof. Carlos Santiago, and Prof. Plinio Moreno

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

Deadlines and procedures of complaint and appeal. After notification of the provisional list of evaluation results, candidates have a period of 10 working days to, if they wish, make a statement at a preliminary hearing of interested parties, in accordance with Articles 121 et seq. of the Code of Administrative Procedure. The final decision will be made after analyzing the statements presented at the preliminary hearing of interested parties. The final decision may be appealed to the competition jury or to the President of IST-ID within 15 working days of notification

Application deadline and formalization: The call is open from June 15 until June 26, 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, to be presented at time of contract signature;
- iv) proof of enrollment at a course that does not award an academic degree, to be presented at 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 to <https://isr.tecnico.ulisboa.pt/scholarships/>