

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

Applications are open for one Research Studentship for students of a course that does not award an academic degree, within the framework of project UNFORESEEN (1801P.01526.1.01), financed by PROSSE/ESA under the following conditions:

Scientific Area: Artificial Intelligence

Admission Requirements:

- a) to hold a master 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 one year in this type of studentship, continuously or with interruptions.

Workplan: Development of novel deep learning methods for crater detection on Mars, without the need for large, annotated datasets. Explore ways to incorporate domain knowledge about the craters into the deep learning models.

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 Instituto de Sistemas e Robótica, from Instituto Superior Técnico, under the scientific supervision of Professors Margarida Silveira and Pedro Aguiar.

Duration: The research fellowship will have a duration of 12 months. It's expected to begin in March and cannot be renewed.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is € 1309.64, being the payment method by Wire Transfer.

Selection methods: Curriculum evaluation (60%) and previous experience on the topics related to the grant (40%). The candidates may be invited for an interview, for additional discrimination between levels of expertise.

Composition of the selection Jury: Margarida Silveira, Pedro Aguiar and João Paulo Costeira.

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 within 30 working days, both counted from the respective notification.

Application deadline and formalization: The call is open from February 9 until February 23, 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;
- iv) Motivation letter;
- v) 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.
- vi) proof of enrollment at a course that does not award an academic degree which must be presented at the time of contract signature.

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