

(BL100/2026-IST-ID)

Research Studentships (PhD students)

Applications are open for 1 Research Studentship, within the framework of project/R&D institution (SIMIACCI&IST/ID), under the following conditions:

Scientific Area: Industrial Engineering and Management

Admission Requirements: *To be enrolled in a PhD.*

Workplan: The student will work within the scope of SIMIACCI, a Horizon Europe project aimed at improving the efficiency of indoor air quality control in galleries, libraries, archives, and museums (GLAMs) across Europe, enhancing the conservation of cultural heritage artefacts while reducing energy consumption. The student is expected to contribute to the writing of scientific papers, deliverables, and reports. They will have the opportunity to interact with the 16 consortium partners and to present their work at national and international conferences, as well as at project meetings.

The student will participate in environmental Life Cycle Assessment (LCA) modelling. The student must collect data on traditional air quality filters and on the preliminary results of SIMIACCI. Based on these data, a model should be developed in SimaPro. The systems must be compared, and recommendations should be provided to improve the environmental performance of the air quality filter.

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 CEGIST of IST-ID, under the scientific supervision of Professor Ana Carvalho.

Duration: The research fellowship(s) will have the duration of 7 months. It's expected to begin in August 2026, and may be eventually renewed up to the maximum of 12 months, including the duration of the initial contract.

Monthly maintenance allowance: the amount of the monthly maintenance allowance is €1359,64, being the payment method an option of the Fellow by Wire Transfer.

Selection methods: The selection methods will be the following: a) overall curricular evaluation, b) experience in participating in research projects, c) experience in specific research activities envisaged in the work plan, with the respective weighting of 30%, 30%, and 40%.

Composition of the selection Jury: Ana Carvalho (ist149893), Moisés Pinto (ist416959), Abeer Mohtar (ist428270)

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 communication of the provisional list of evaluation results, candidates shall have a period of 10 working days to comment, if they so wish, within the scope of the prior hearing of interested parties, pursuant to Articles 121 and following of the Portuguese Administrative Procedure Code. The final decision will be issued after the analysis of the statements submitted during the prior hearing of interested parties. An appeal against the final decision may be lodged with the Selection Committee, or a further appeal may be submitted to the President of IST-ID, within 15 working days from the respective notification.

Application deadline and formalization: The call is open from July 20 until July 24, 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; iv) proof of enrollment at an academic degree course (PhD); v) motivation letter.

Applications must be submitted to the email: anacarvalho@tecnico.ulisboa.pt