

(BL118/2025-IST-ID)

### Research Studentships (PhD students)

Applications are open for 1 Research Studentship(s), within the framework of project SIMIACCI/IST-ID, (930104 1801P.01453), financed by European Commission under the Horizon Europe project SIMIACCI.

**Scientific Area:** 1 research grant in the area of Chemical Engineering

**Admission Requirements:** *To be enrolled at a PhD in an IST PhD program.*

**Workplan:** The student will be working within the framework of SIMIACCI, a Horizon Europe project aimed at improving efficiency in indoor air quality control in Galleries, Libraries, Archives, and Museums (GLAMs) across Europe, enhancing the conservation of cultural heritage artifacts while reducing energy consumption. The student is expected to participate in the writing of scientific papers, deliverables, and reports. They will have the opportunity to interact with the 16 partners in the consortium and present their work at national and international conferences, as well as in project meetings.

More specifically, the student will take part in experimental studies, where they will contribute to the development of innovative adsorbents for indoor air quality control. Additionally, they will be involved in a numerical component, performing first-principles calculations and data-based modelling to evaluate the evolution of indoor air quality over time.

**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 for Research Studentships and Fellowships, available on <https://ist-id.pt/recursos-humanos/bolseiros/#documentos-relacionados>.

**Workplace:** The work will be developed at CERENA of IST-ID- (host institution's name), under the scientific supervision of prof. Moisés Pinto and Dr. Abeer Mohtar.

**Duration:** The research fellowship(s) will have duration of 12 months. It's expected to begin in May 2025, and may be eventually renewed up to the maximum of 36 months, including the duration of the initial contract.

**Monthly maintenance allowance:** the amount of the monthly maintenance allowance is € 1309.64, being the payment method of the Fellow by wire transfer.

**Selection methods:** a) general curriculum evaluation, b) experience in participating in research projects, c) experience in specific research activities provided for in the work plan, with the respective valuation of 30%, 30%, 40%.

**Composition of the selection Jury:** Moisés Pinto (ist416959), Leonardo Azevedo (ist168809), 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.** A complaint may be lodged from the final decision, or an appeal to the Executive Board of IST-ID, within 15 working days counted from the respective notification.

**Application deadline and formalization:** The call is open from May 5 until May 23, 2025.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/> ); 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: [moises.pinto@tecnico.ulisboa.pt](mailto:moises.pinto@tecnico.ulisboa.pt)