

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

Applications are open for **one** Research Studentship, within the framework of project/R&D institution **VCN-IMS – FlexiBat - Flexible & Lightweight Polymer Sodium-ion Batteries, /LA IMS (LA/P/0056/2020 - (1801P.01139.1.01) - IST-ID**, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

**Scientific Area:** Chemistry and Chemical Engineering/ Physical Chemistry

**Admission Requirements:**

*a) to hold a bachelor or 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 two years in this type of studentship, continuously or with interruptions.*

**Workplan:** Development and study on the performance of composites based on copolymers of conducting polymers and catecholamines, incorporating cyclodextrins, and their application as cathodes for sodium-ion batteries.

**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://dre.pt/application/file/a/127230968>.

**Workplace:** The work will be developed at Centro de Química Estrutural / IMS of Instituto Superior Técnico, under the scientific supervision of Doctor Rui Sampaio.

**Duration:** The research fellowship(s) will have the duration of **3** months. It's expected to begin January 2026, and may eventually be renewed.

**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 € 1040,98, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: 1) relevance of the academic background and final grade (35%); 2) curriculum and previous experience in the development of copolymeric materials and thin film characterization (40%); 3) motivation letter (25%). The jury will interview the three candidates with the highest overall evaluation scores. If there is an interview, the score will be assigned as follows: 80% will be assigned to selection methods 1-3 (0-100) and 20% to the interview (0-100).

**Composition of the selection Jury:** Professor Luis Santos, Doctor Rui Sampaio, Professor Marta Alves.

**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



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**Application deadline and formalization:** The call is open from December 22, 2025 until January 6, 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 a course that does not award an academic degree; 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 the email: [ruimssampaio@tecnico.ulisboa.pt](mailto:ruimssampaio@tecnico.ulisboa.pt)



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