

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

Applications are open for 1 Research Studentship, within the framework of project BioCFiber – Bio-derived carbon fibers (2022.08091.PTDC), financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

**Scientific Area:** Sciences of Chemical Engineering, and related areas

**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 of bio-derived carbon fibers: (i) studies of functionalization and controlled radical polymerization to obtain sustainable carbon fiber precursors, and their characterization, (ii) support in obtaining and characterizing carbon fibers, (ii) communication and dissemination of results.

**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://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

**Workplace:** The work will be developed at Centro de Recursos Naturais e Ambiente (CERENA) of Instituto Superior Técnico, and SGL Composites SA, under the scientific supervision of Professors Ana Clara Lopes Marques.

**Duration:** The research fellowship(s) will have the duration of 12 months. It's expected to begin in December 2024. The contract cannot be renewed.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal ([https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM\\_atualizacao-2024.pdf](https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf)), the amount of the monthly maintenance allowance is € 1259,64, being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: *Curriculum evaluation* (50%) and relevant experience for the project, namely synthesis and characterization of polymeric materials (50%). An interview may be conducted if appropriate, for helping on the decision.

**Composition of the selection Jury:** Ana Clara Lopes Marques; António Luís Aguiar; Rui Galhano dos Santos

**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 October 21 until November 4, 2024.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); 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: [ana.marques@tecnico.ulisboa.pt](mailto:ana.marques@tecnico.ulisboa.pt)



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