

Research Studentships (or PhD students)

Applications are open for 1 Research Studentship, within the framework of project/R&D institution 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: *To be enrolled at a PhD.*

Workplan: Development of applications for depolymerized lignin and resulting copolymers. Synthesis and characterization of porous microspheres. 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, under the scientific supervision of Prof. Ana Clara Marques.

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

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 € 1309,64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: *Curriculum evaluation* (40%) and relevant experience for the project, namely lignin depolymerization, radical polymerization and synthesis of porous materials by sol-gel (60%). An interview may be conducted if appropriate, to help with the decision.

Composition of the selection Jury: Ana Clara Lopes Marques; Rui Galhano dos Santos, Tânia Cristina Frade Costa

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

Application deadline and formalization: The call is open from October 29 until November 11, 2025.

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: ana.marques@tecnico.ulisboa.pt



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