

Scientific Initiation Studentships

Applications are open for 1 Scientific Initiation Studentship, within the framework of project/R&D institution 1801P.01565.1.01 AQUALEARNS, (2023.18249.ICDT), financed by national funds through FCT/MCTES, under the following conditions:

Scientific Area: Civil Engineering

Admission Requirements: To have the Bachelor in Civil Engineering and to be enrolled in the Master degree of Civil Engineering in the Area of Specialization in Hydraulics and Water Resources or in the Master Degree of Hydraulic Engineering in an university of the UNITE! Network.

- a) *not to exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions;*
- b) *not to have held any other fellowship directly or indirectly funded by FCT.*

Workplan: Analyses of the effect of blockages in transient pressure signals, based on an extensive experimental data collection programme in a pipe rig and on numerical simulations.

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 CERIS (Civil Engineering Research and Innovation for Sustainability) of Instituto Superior Técnico, under the scientific supervision of Profª Dília Covas.

Duration: The research fellowship will have the duration of 3 months. It's expected to begin in October 2026. This research fellowship is not renewable.

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-2026>), the amount of the monthly maintenance allowance is 701,12€, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: (i) average grade of the Bachelor's and Master's degrees (50%); (ii) experience in participating in various projects, activities and initiatives in an academic and industrial environment (20%); (iii) letter of motivation (30%). If necessary, an individual interview may be conducted which will calculate the arithmetic average with the previous curricular component.

Composition of the selection Jury: Prof. Dília Isabel Cameira Covas (president), Prof. Marta Sofia Ferreira Martins Mota Cabral (member), Prof. Helena Margarida Machado da Silva Ramos (member), Prof. Jorge de Saldanha Gonçalves Matos (member substitute).

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 August 24 until September 4, 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 or at a course



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that does not award an academic degree; v) motivation letter; vi) declaration on honour that the applicant does not exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions, and has not held any other fellowship directly or indirectly funded by FCT.

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



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