

(BL123/2025-IST-ID)

Research Studentships for Master Students

Applications are open for 1 Research Studentship for Master Students, within the framework of project/1801P.01515 - StreamWater, in the institution IST-ID, reference no. 2024.07282.IACDC/2024, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Civil Engineering

Admission Requirements: *To be enrolled in the master degree of civil engineering in the Area of Specialization in Hydraulics and Water Resources.*

Workplan: Development of computational methodologies and algorithms for the identification of anomalous behaviors in flow and pressure measurements in a distribution network and energy consumption in pumping stations.

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 CERIS (Civil Engineering Research and Innovation for Sustainability) of Instituto Superior Técnico, under the scientific supervision of Prof^a Dídia Covas.

Duration: The research fellowship(s) will have the duration of 8 months. It's expected to begin in June 2025 and may be renewed up to the maximum of 24 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 € 1040,98, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following: (i) average grade of the Bachelor's and Master's degrees in Civil Engineering in the area of specialization in Hydraulics and Water Resources (60%); (ii) experience in participating in various projects, activities and initiatives in an academic environment at DECivil, IST (20%); (iii) letter of motivation (20%). 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.^a Dídia Isabel Cameira Covas (president), Prof.^a Marta Sofia Ferreira Martins Mota Cabral (member), Prof.^a 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 May 7 until May 20, 2025.

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 an academic degree course (Master, Integrated Master); v) motivation letter;

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



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