

Research Studentships (PhD students)

Applications are open for (1) Research Studentship, within the framework of project/R&D institution CERIS/IST-ID: “Towards the Next Generation of Cold-Formed Steel Structures: Advanced High Strength Steels” (NXGEN-CFSS: 2023.13431.PEX), financed exclusively by national funds through the budget of FCT (Foundation for Science and Technology), under the following conditions:

Scientific Area: Civil and Mining Engineering – Structures (ECM-EST)

Admission Requirements: To be enrolled at a PhD program by the time of the contract signature.

Preference will be given to candidates who have: (i) experience in performing nonlinear analyses of thin-walled structural elements, (ii) laboratory experience, and/or (iii) relevant scientific publications in the area covered by the call.

Workplan: The Research Fellow will carry out tasks related to: (i) conducting experimental tests, and (ii) numerical simulations, using the finite element method, concerning the behaviour and ultimate strength of cold-formed high-strength steel columns. The execution of these tasks plays a fundamental role in achieving the objectives proposed within the scope of the NXGEN-CFSS research project.

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/IST-ID (Civil Engineering Research and Innovation for Sustainability) of DECivil of IST/UL, under the scientific supervision of Doctor André Rafael Dias Martins.

Duration: The research fellowship will have the duration of 9 months, and it's expected to begin in November 2025. The contract cannot 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 € 1309.64, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: (i) curriculum evaluation, and (ii) individual interview (if considered necessary by the Selection Committee), with the respective weight of 70% and 30%.

Composition of the selection Jury: André Rafael Dias Martins, José Joaquim Costa de Oliveira e Pedro, João Pedro Ramôa Ribeiro Correia.

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 27 until 7 November, 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; (iv) proof of enrollment at an academic degree course (PhD), and (v) motivation letter. Applications must be submitted to the email: bolsas@drh.tecnico.ulisboa.pt



Fundação
para a Ciência
e a Tecnologia