

(BL112/2025-IST-ID)

Research Studentships for Master or Integrated Master students

Applications are open for one Research Studentship, within the framework of R&D institution CERENA, FCT — UIDB/04028/2025, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Earth Sciences

Admission Requirements: *To be enrolled at an integrated master or a master.*

Workplan: application of iterative geophysical inverse methods for subsurface modelling and characterization using post-, pre- and time-lapse seismic reflection data. The workflow will follow a sequential approach, namely: acoustic inversion; rock-physics inversion and time-lapse inversion. These methods will be applied to a data set available from the Brazilian offshore.

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 CERENA of Instituto Superior Técnico, under the scientific supervision of Dr. João Narciso.

Duration: The research fellowship(s) will have the duration of 6 months. It's expected to begin in June 2025. Not 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 1040,98€, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: curricular evaluation and, if necessary, an individual interview with the three best candidates after the curricular evaluation, with a respective score of 70% curricular evaluation and 30% interview.

Composition of the selection Jury: Prof. Gustavo Paneiro, Prof. Helga Jordão, Dr. João Narciso.

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 6 until May 19, 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 Master or Integrated Master; v) motivation letter.

Applications must be submitted to the email: joao.narciso@tecnico.ulisboa.pt



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