

(BL80/2025)

### Research Studentships (Master or Integrated Master students)

Applications are open for 1 Research Studentship, within the framework of project/R&D I&D 1018P.06261 – PharmaStar, financed by national funds through Fundação “La Caixa” and co-financed by the Fundação para a Ciência e Tecnologia through PROGRAM PROMOVE, under the following conditions:

**Scientific Area:** Mining and Georesources

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

**Workplan:** The candidate will work on manual classification, in QGIS or ArcGIS, of images (mosaics) obtained by remote sensing (drone) in the Serra da Estrela Natural Park, and on training, validating and testing the classified images using machine learning classifiers (implemented in R or Python).

**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 carried out at the Centre for Natural Resources and the Environment (CERENA) of the Instituto Superior Técnico, under the scientific supervision of Professor Manuel Luís Castro Ribeiro, Assistant Researcher at CERENA.

**Duration:** The scholarship is for 4 months and is expected to start in June 2025. The scholarship is not renewable.

**Monthly maintenance allowance:** The amount of the scholarship is €1040.98, according to the table of values for scholarships awarded directly by FCT, I.P. in the country (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), and the method of payment is at the Fellow's option by bank transfer/cheque.

**Selection methods:** Curricular assessment based on the candidate's academic record and interest in the following research areas: Statistical Learning for Earth and Environmental Sciences and Geographic Information Systems. The three best candidates may be interviewed, with a weighting of 50% for the curriculum assessment and 50% for the interview.

**Composition of the selection Jury:** Leonardo Azevedo (Associate Professor, IST); João Narciso (Invited Auxiliary Professor, IST); Manuel Ribeiro (Auxiliary Researcher, IST-ID).

**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 5 until May 16, 2025.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/>); ii) *Curriculum Vitae*; iii) academic degree



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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: [manuel.ribeiro@tecnico.ulisboa.pt](mailto:manuel.ribeiro@tecnico.ulisboa.pt)



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