

2 Research Studentship for Master or Integrated Master student

Applications are open for two Research Studentships for Master or Integrated Master student, within the framework of project AI-Radiologist, reference 2024.07344.IACDC, financed by national funds through FCT/MCTES, under the following conditions:

Scientific Area: Artificial Intelligence.

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

Workplan: This work aims to assess the quality and the impact of an AI assistant in the clinical workflow for radiologists, specifically: 1) examine AI's utility in routine workflows, its ability to deliver timely insights, and its impact on radiologist efficiency through the integration of AI models in medical imaging devices; and 2) using Thematic Analysis (TA) in qualitative data analysis and to investigate the integration of AI algorithms with interactive interfaces to support informed decision-making by clinicians.

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 Instituto de Sistemas e Robótica, from Instituto Superior Técnico, under the scientific supervision of Professor Carlos Santiago and Francisco Calisto.

Duration: The research fellowships will have an initial duration of 6 months. They are expected to begin in July and may eventually 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: Curriculum evaluation (60%) and previous experience on the topics related to the grant (40%). The candidates may be invited for an interview, for additional discrimination between levels of expertise.

Composition of the selection Jury: Carlos Santiago, Catarina Barata and Francisco Calisto.

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 within 30 working days, both counted from the respective notification.

Application deadline and formalization: The call is open from May 21 until June 3, 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) Proof of enrollment at an academic degree course (Master, Integrated Master);
- iv) Motivation letter.

Applications must be submitted at <https://welcome.isr.tecnico.ulisboa.pt/opportunities/>