

### Scientific Initiation Studentships

Applications are open for 2 Scientific Initiation Studentships, within the framework of project/R&D institution Grupo de Física Matemática (GFM), 1801P.01443 GFM PROGRAMATICO UIDP 2025-2029), financed by national funds through FCT with the financial support of FCT through national funds, under the following conditions:

**Scientific Area:** Mathematics

#### Admission Requirements:

- a) *To be enrolled at a professional higher technical course, at a bachelor degree, at an integrated master or master degree, or to have a bachelor degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units;*
- b) *not to exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions;*
- c) *not to have held any other fellowship directly or indirectly funded by FCT.*

**Workplan:** The student will conduct in-depth study of an advanced topic related to spectral theory (<https://fisica-matematica.pt/research/spectral-theory/>).

**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 GFM of Instituto Superior Técnico or any other institution associated to a member or collaborator of GFM, under the scientific supervision of one or several member and/or /collaborator of GFM.

**Duration:** The research fellowship(s) will have the duration of 3 months. It is expected to begin in August and may be eventually renewed up to the maximum of 3 months.

**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 € 651.12, being the payment method of the Fellow by wire transfer.

**Selection methods:** The selection methods will be the following: *Curriculum evaluation (including grades for the past academic years, if applicable), and motivation letter*, with the respective weight of 70% and 30%.

**Composition of the selection Jury:** Léonard Monsaingeon (president), Pêdra Andrade (member), James Kennedy (member)

**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 July 9 until July 22, 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 and grades for the last academic year*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course or at a course that does not award an academic degree; v) motivation letter; vi) declaration on honour that the applicant does not exceed with this contract, including the possible renovations, an accumulated period of one year in this type of studentship, continuously or with interruptions, and has not held any other fellowship directly or indirectly funded by FCT.

Applications must be submitted to the email: [leonard.monsaingeon@tecnico.ulisboa.pt](mailto:leonard.monsaingeon@tecnico.ulisboa.pt)