

Scientific Initiation Studentships

Applications are open for 1 (one) Scientific Initiation Studentship, within the framework of Centro de Física Teórica de Partículas, project (1801P.01478.1.01) PDM-QUEST_ 2024.01362.CERN - IST-ID, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Physics

Admission Requirements: *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.*

Workplan: Research work in Complete Particle Dark Matter Models

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 Centro de Física Teórica de Partículas of Instituto Superior Técnico under the scientific supervision of one doctorate member of the project.

Duration: The research fellowship will have a duration of 3 months. It's expected to begin as soon as practical after the June 2025 and it will not 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 651,12€, being the payment method of the Fellow by Wire Transfer.

Selection methods: The selection methods will be the following: *Curriculum evaluation*, with the respective weight of 50%; one-page *research plan*, with the respective weight of 50%.

Composition of the selection Jury: Jorge Romão, João Paulo Silva, Miguel Romão

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 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; iv) one-page *research plan* on Complete Particle Dark Matter Models with one doctorate member of this project.

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



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