

(BL128/2022_IST-ID)

Research Studentships (for Master students)

Applications are open for one Scientific Initiation Studentships, within the framework of project/R&D institution CREATOR / IST-ID, 1801P.01174, MIT-EXPL/ACC/0031/2021, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Plasma Physics and Nuclear Fusion

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

Workplan: Develop a kinetic Monte Carlo code for surface kinetics

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 Plasmas e Fusão Nuclear of Instituto Superior Técnico, under the scientific supervision of Professor Vasco Guerra

Duration: The research fellowship(s) will have the duration of 6 months. It's expected to begin in September 2022, and may be eventually renewed up to the maximum of 6 months.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<http://www.fct.pt/apoios/bolsas/valores>), the amount of the monthly maintenance allowance is € 875.98, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: curriculum evaluation, motivation letter and interview, ranked from 1 to 5, with the respective weight of 40%, 30% and 30%.

Composition of the selection Jury: Vasco Guerra, Tiago Silva e Pedro Viegas

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 15 until July 28, 2022.

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 degree course; v) motivation letter;

Applications must be submitted to the email: carla.reis@ist.utl.pt