

(BL202/2024)

Research Studentships (Master or Integrated Master students)

Applications are open for 1 Research Studentship(s), within the framework of project/R&D institution PEP 1018P.05725.1.01.01, EST 20-23[BASICO] FIS/50010/2023, financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Plasma Physics, Lasers and Nuclear Fusion

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

Workplan: Develop advanced data analysis techniques to study the dynamics of the edge flow profile measured by Doppler backscattering at JET.

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 Institute of Plasmas and Nuclear Fusion (IPFN), Instituto Superior Técnico, Alameda campus, under the scientific supervision of Dr Carlos Silva.

Duration: The research fellowship will have the duration of 6 months. It's expected to begin in December 2024 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 (https://www.fct.pt/wp-content/uploads/2024/02/Tabela-de-Valores-SMM_atualizacao-2024.pdf), the amount of the monthly maintenance allowance is €990,98, being the payment method an option of the Fellow by Wire Transfer/Check.

Selection methods: The selection methods will be the following: The selection methods will be the following: Curriculum evaluation and individual interview, with the respective weight of 60% and 40%, respectively.

Composition of the selection Jury: Dr Carlos Silva (ist23913), Prof. Horácio Fernandes (ist12916) and Prof. Bernardo de Carvalho (ist12847)

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Application deadline and formalization: The call is open from October 21 until November 4, 2024.

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 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: bolsas@drh.tecnico.ulisboa.pt



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