

## Research Studentships for Master students

Applications are open for one Research Studentship Research Studentships for Master students, within the framework of project/R&D institution **AWAKE\_CERN\_25 - IST-ID**, 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:** Participação na definição detalhada do projecto do primeiro protótipo do sistema de agrupamento de componentes (Pick Measure and Group) para a DPS-25-run2C (PMG\_DPS\_2C);

>> Definição, e aquisição de componentes comerciais para a PMG\_DPS\_2C;

>> Projecto ou participação em projecto (a definir), e aquisição de componentes custom made para a PMG\_DPS\_2C;

>> Montagem do hardware da PMG\_DPS\_2C;

>> Desenvolvimento do software de controlo da PMG\_DPS\_2C;

>> Teste da PMG\_DPS\_2C no ambito do desenvolvimento dos módulos eléctricos da DPS-25-run2C no IST\_DPS\_test facility;

**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 GoLP-IPFN of Instituto Superior Técnico, under the scientific supervision of Nelson Lopes

**Duration:** The research fellowship(s) will have the duration of 6 months. It's expected to begin in February 2025, and may be eventually renewed up to the end of the project.

**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](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: *Curriculum evaluation*, with the respective weight of 100%.

**Composition of the selection Jury:** Nelson Lopes, Jorge Vieira e Marta Fajardo

**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 January 21 until February 3, 2025.



Fundação  
para a Ciência  
e a Tecnologia

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 (Master, Integrated Master); v) motivation letter;

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



Fundação  
para a Ciência  
e a Tecnologia