

The [Space Propulsion and Plasmas Team](#) (EP2) at [UC3M](#) and the [National Fusion Laboratory](#) (LNF) at [CIEMAT](#) have been awarded the 3-year project '**PROMETEO: Plasma Propulsion and Nuclear Fusion: innovating space transport**'. The project addresses fundamental challenges of space plasma thrusters and fusion plasmas, exploiting the synergies between the two groups. The project is structured around **five large objectives**: Turbulence and anomalous transport; Plasma-material interaction; Wave-plasma interaction and energy deposition; Multi-thruster simulation platform; Design and test of a disruptive electrodeless plasma thruster (EPT).

Open call:

This is an open call to hire **five researchers at predoctoral level** at EP2 and LNF to address the different objectives of the project. Strong interaction and collaboration among all five positions is expected. More information on the positions and their specific requirements can be found by following the links below:

- [Ref. PROMETEO-EP2-T1](#): *Characterization of magnetically shielded Hall-effect thrusters*
- [Ref. PROMETEO-EP2-T2](#): *Modeling the wave propagation and absorption in EPTs*
- [Ref. PROMETEO-EP2-T3](#): *Design of a microwave EPT for in-space propulsion*
- [Ref. PROMETEO-LNF-T1](#): *Experimental turbulence studies in plasmas*
- [Ref. PROMETEO-LNF-T2](#): *Wave-particle problem in plasmas for propulsion and fusion*

Strong interaction with all activities and researchers within PROMETEO at both institutions will be part of the duties of the candidates.

General conditions:

- Base gross salary of 19200€/year. Salary supplements may be awarded depending on institutional rules.
- Health care under the Spanish National System.

How to apply:

Interested candidates must send their applications to ep2@uc3m.es (for the 3 EP2 positions) and to francisco.castejon@ciemat.es (for the 2 LNF positions), indicating the reference code of the preferred position in the e-mail subject, **before April 21, 2019**. Late submissions will be considered under the discretion of the hiring committee.

Applications must include **in a single pdf file**:

- Curriculum Vitae (max. 6 pages) and academic record (i.e. university grades)
- A motivation letter describing experience, interests, and future goals, indicating again the reference code of the preferred position (max. 1 page)
- E-mail of at least 2 professional or academic references (the hiring committee will contact them)