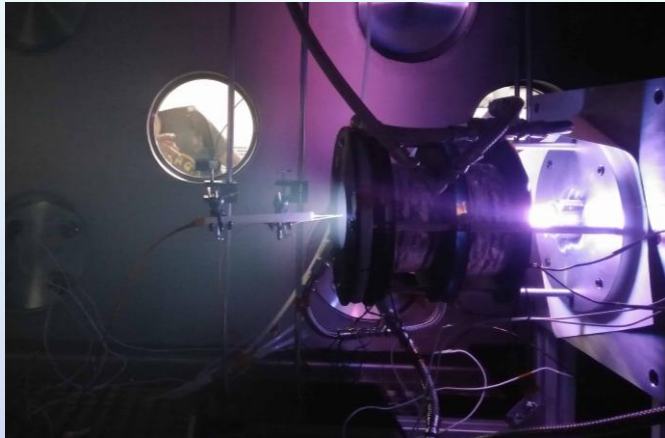


# 2-year research contract on: Plasma Propulsion Modeling & simulation



- **Subject:** Implementation of novel Particle-in-cell algorithms for the simulation of space plasma thrusters
- **Location:** EP2-UC3M research group ([ep2.uc3m.es](http://ep2.uc3m.es), [uc3m.es](http://uc3m.es))
- **Grant duration:** 2 years, beginning April 2025
- **Requirements:**
  - BSc degree (aerospace or related) completed, and the requirements in ORDEN 2277/2024 of the Community of Madrid
  - Excellent academic record in Scientific Programming, Applied Mathematics, Mechanics, Fluid Mechanics, Propulsion
    - Plasma Physics and Particle-in-cell will be learned during formation period
  - Proficiency in English (oral & written)
  - Good skills in: team & independent working; critical & creative thinking; initiative & proactiveness
- **Application deadline:** February 28; apply at: <https://aplicaciones.uc3m.es/atenea>
- **Expressions of interest, inquiries:** please contact Mario Merino at [mario.merino@uc3m.es](mailto:mario.merino@uc3m.es)

