

Position for fabrication & characterization of electrospray emitters

This job offer is framed in a Project in collaboration with the company IENAI Space for the development electrospray ion thrusters for small satellites.

Key Responsibilities

- Design of fabrications processes
- Scientific/Technical management and progress monitoring
- Provide assistance in the fabrication processes
- Characterization of the emitters

Required skills

- PhD Degree in Physics, Chemistry, Materials Science, Materials Engineering, Polymers, Nanoscience or similar.
- Experience in clean room micro and nanofabrication
- High level of English
- Responsibility, proactivity, Problem-solving, Good communication skills and teamwork

Experience

- Scientific management of research projects.
- Clean room fabrication processes: photolithography, nanoimprint lithography, reactive ion etching, SEM
- Dissemination and communication of scientific results
- Writing scientific project reports.

Job conditions

- Full time contract (40 hours/week)
- 5 months contract
- Mainly on-site work, with the possibility of partial teleworking and flexible schedule.
- Trial period of 1 months
- Salary according to qualifications, proven experience
- Estimated start date: 20th **January 2025**

The hired person will be working in collaboration with the Micro & Nano Tools Group (MNTLs) of the Institute of Microelectronics of Barcelona (IMB-CNM, CSIC), Campus of the UAB

How to apply

Applications should be submitted to rrhh@dtm.es stating the job title as the Subject of the message. The mail should include a cover letter and an updated CV.

Sending CVs to the above address implies consent to the Legal Advice.

Deadline for applications: January 30th, 2025

This offer can be found on: https://www.dtm.es/?page_id=2090