

Single-photon emitters in 2D materials

A postdoctoral position is available at the Institute for Optoelectronic Systems and Microtechnology (www.isom.upm.es) at Technical University of Madrid, Spain. The postdoc will work on the development, characterization, and modulation of single-photon emitters in 2D materials. The research will be conducted within the framework of the Spanish Complementary Plan for Quantum Communications.

WHAT WE OFFER

- Two-year contract (extendable).
- Annual gross salary of 24,000 – 30,000 € (commensurate with experience) and health and social benefits according to Spanish law.
- Excellent facilities and international atmosphere.

WHAT WE NEED

- A PhD in the areas of 2D semiconductor crystals and/or the fabrication and characterization of single-photon sources. Experience in ion irradiation or strain patterning will be highly valued.
- A degree in Electrical/Telecommunication/Materials Engineering or Physics.
- Full professional competence in English, teamwork & communication skills.
- Applicants should send a motivation letter & CV to Jorge Pedrós (j.pedros@upm.es).

