

PdH Researcher Position to work on "nano-superconductivity for applications in superconducting circuits."

The candidate will work at the Institute of Molecular Science in the University of Valencia, joining the project activities led by **Dr. Rosa Córdoba** to perform studies of nano-superconductivity for applications in superconducting circuits.

Skills/Qualifications

Applicants should have a MSc in physics, materials science, or a discipline relevant to experimental condensed matter physics.

Previous experience in the fabrication of devices using optical and/or ion/electron lithography techniques, and in their characterisation using magneto-transport measurements, as well as solid computing skills are highly desirable.

Duration of the contract

Duration: 4 years, 40 hours per week..

Salary:

Gross salary in the range of 22 k€p.a., based on the University of Valencia salary scheme.

Selection process:

Application deadline: 30/09/2021

Position starting date: 01/01/2022

Workplace: Institute of Molecular Science (ICMol) at the Universidad de Valencia (www.icmol.es).

Documents: Applications should be sent to rosacordoba@uv.es with the subject "PhD position application", and one attached .pdf file with:

- Motivation letter (max. 1 page);
- CV;
- Contact details of two referees.