

NanoQuCo

Dear Colleagues,

we offer several PhD and Postdoc positions within the Project NanoQuCo (<https://www.nanoquco.es/home>), a R+D Synergy Grant on New Emerging Scientific Fields from the Comunidad de Madrid (Spain). This is a collaborative project between two groups: the QNanolight group based at IFIMAC/UAM (<https://qnanolight.es/>) and the QUINFOG group based at the Institute of Fundamental Physics-CSIC (<https://quinfog.hbar.es/>).

We are looking for talented and motivated researchers to work in collaboration with project team members either at IFIMAC/UAM (<https://www.nanoquco.es/team/uam-node>) or at CSIC (<https://www.nanoquco.es/team/csic-node>).

Candidates will work in one of the main research lines of the NanoQuCo project, including

Control of quantum interactions through nanophotonic structures.

Nanophotonic structures for the generation of complex quantum states of light.

Development of new quantum computing paradigms with quantum nanophotonics.

Spectroscopy and metrology with quantum states of light.

The duration of contracts is of 3 years for PhD positions and 2 years for Postdoc position, with starting date around December 2021.

Interested candidates should write to nanoquco@gmail.com, sending:

- An updated CV, including university record, and the contact details of two referees.
- A motivation statement, specifying the group they would like to work on.

The deadline for applications is **October 31st 2021**.

The number and types of positions will depend on the number and quality of applicants.

I would be grateful if you could bring this job opportunity to the attention of potential candidates.