

We are pleased to offer several PhD and Postdoc positions within the Project NanoQuCo which is R+D Synergy Grant on New Emerging Scientific Fields from the Comunidad de Madrid. The goal of the project is to develop quantum computing architectures based on quantum nanophotonics platforms.

This is a collaborative project between two nodes:

- * QNanolight group based on the IFIMAC at Universidad Autónoma de Madrid (<https://qnanolight.es/> <<https://qnanolight.es/>>), which leads the design and theoretical characterization of quantum hardware based on quantum emitters in nanophotonic structures.
- * QUINFOG group (<https://quinfoq.hbar.es/> <<https://quinfoq.hbar.es/>>) based at the Institute of Fundamental Physics from Madrid, focused on the design of quantum software for computing, simulation and metrology for nanophotonic platforms.

More information on the project is available at the project's website: <https://www.nanoquco.es/> <<https://www.nanoquco.es/>>

The duration of the contracts will be 3 years for both the PhD & Postdoc positions, and the candidates are expected to start as soon as possible from September 2021.

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

- An updated CV, including the grades for the PhD positions.
- Motivation statement, which includes the node they are interested in working (CSIC or UAM), as well as whether they are interested in a PhD or Post-doc position.