

## PhD Position in Quantum Metamaterials

We are seeking for a highly motivated graduate student wishing to engage in cutting-edge research in the fields of metamaterials, nanophotonics and quantum optics. The research activity is broadly in the area of theory of quantum metamaterials. The student will work within the framework of an ERC Starting Grant project, having the opportunity to interact with other students and senior researchers within a multidisciplinary team.

The student is expected to be able work independently and take responsibility towards the project. In particular, the candidate will contribute to the project by developing new theoretical frameworks for the analysis of quantum optics in complex media, as well as identifying novel quantum phenomena associated with light-matter interactions in electromagnetic metamaterials.

### Approval and Enrolment

The candidate will enroll in the Doctorate in Communications Technology, Bioengineering and Renewable Energies (TECOMBER) at the Public University of Navarre (UPNA) and pursue the completion of a PhD Degree, subject to academic approval.

### Application

Applications must be sent to Iñigo Liberal ([inigo.liberal@unavarra.es](mailto:inigo.liberal@unavarra.es)) no later than **October 8<sup>th</sup>, 2021**.