

## RESEARCH ASSISTANT POSITION IN THE QUANTUM NANOPHOTONICS LAB GROUP DEVELOPING SOLID STATE SENSORS

### Materials Physics Center (Donostia / San Sebastián)

The **Quantum Nanophotonics Lab Group** at CFM is offering a research assistant position 1 year starting in August to work with Dr. Ruben Pellicer-Guridi and Prof. Gabriel Molina-Terriza, in the development of quantum sensors based on Nitrogen Vacancy Centers for industrial applications.

The position will be funded by MPC through Basque Governments' grants.

The selected candidate will be hired by the Research Association MPC - Materials Physics Center. The salary will be of 18.180.41 euros during the first year before taxes.

The Quantum Nanophotonics Lab Group at the Center of Materials Physics explores light and mater interactions to further scientific knowledge. Current research topics in the group include optical tweezers/levitation, squeeze light sources, scattering of light on mater, correlated photons, and solid state spin hosting sensors. For more information, visit our web: <https://cfm.ehu.es/QNanoLab/>

Candidates must hold a bachelor degree preferably in Physics or Electrical Engineering. Expertise in quantum physics will be highly appreciated for this particular position, as well as background in optics and programming.

Suitable candidates can apply for this position sending by email to [jobs.cfm@ehu.eus](mailto:jobs.cfm@ehu.eus) the following information **before 30<sup>th</sup> of July 2025** with the subject label "**Research A. CFM-QnanoLab-NVs**":

- 1- An updated Curriculum Vitae. (40%)
- 2- A presentation letter with declaration of interests (max. 1 page). (30%)
- 3- Academic records showing subjects and grades of the university degrees. (30%)

General enquiries or questions about this position should be submitted by email to: [jobs.cfm@ehu.eus](mailto:jobs.cfm@ehu.eus) with the subject label "Research A. CFM-QnanoLab-NVs".