

POST-DOCTORAL RESEARCH POSITION IN THE THEORY OF NANOPHOTONICS GROUP

Materials Physics Center (Donostia / San Sebastián)

The Theory of Nanophotonics **Group** at CFM is offering a postdoctoral position (6 months) starting in February-May 2026 to work with Dr. Rubén Esteban, in collaboration with Prof. Javier Aizpurua, in the theoretical description of nanophotonic systems through quantum computation.

This position will be partially funded by the IKUR Strategy- Quantum Technologies (QT) 2025-2026 of the Department of Science, Universities and Innovation of the Basque Government.

The selected candidate will be hired by the Research Association MPC - Materials Physics Center. The salary will be of 35.650,44 euros before taxes.

The Theory of Nanophotonics Group at the Center of Materials Physics addresses the optical response of nanoscale systems. Current research topics in the group include the analysis of quantum effects of interest for quantum technologies, field-enhanced spectroscopy and nanoscopy. For more information, visit our web: <http://cfm.ehu.es/nanophotonics/>

Candidates must hold a PhD degree in Physics or a related discipline, preferably in the field of Quantum Physics. Expertise in cavity Quantum Electrodynamics and Quantum Computing will be highly appreciated for this particular position, as well as background in nanophotonics.

Suitable candidates can apply for this position sending by email to jobs.cfm@ehu.eus the following information **before the 18th of December** with the subject label "**Postdoc CFM-Theory of Nanophotonics**":

- 1- An updated Curriculum Vitae, including a list of publications. (70%)
- 2- A presentation letter with declaration of interests (max. 1 page). (15%)
- 3- Two reference letters and/or contact email of two potential referees. (15%)

General enquiries or questions about this position should be submitted by email to: jobs.cfm@ehu.eus with the subject label "**Postdoc CFM-Theory of Nanophotonics**".