

POST-DOCTORAL RESEARCH POSITION IN THE THEORY OF ELECTRONIC AND OPTICAL EXCITATIONS IN SOLIDS GROUP

Materials Physics Center (Donostia / San Sebastián)

The **Theory of Electronic and Optical Excitations in Solids Group** at CFM is offering a postdoctoral position (2 years, which can be extended further upon mutual interest) starting on 14th September 2025 to work with Dr. Julen Ibañez-Azpiroz in the development of a theoretical and computational scheme for modelling the flexophotovoltaic effect using first-principles and tight-binding model methods.

The positions will be funded by PhotoNow, a project that received funding from the European Research Council (ERC) under the European Union's Horizon 2020 research and innovation program (grant agreement no. 946629).

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

The Theory of Electronic and Optical Excitations in Solids Group at the Center of Materials Physics addresses theoretical and computational optical processes. Current research topics in the group include flexophotovoltaic effect and Floquet physics.

Candidates must hold an PhD degree in Physics. Expertise in condensed matter physics will be highly appreciated for this particular position.

Suitable candidates can apply for this position sending by email to jobs.cfm@ehu.eus the following information **before 30th of July** with the subject label "**Postdoc CFM- PhotoNow**":

- 1- An updated Curriculum Vitae, including a list of publications. ([80]%)
- 2- A presentation letter with declaration of interests (max. 1 page). ([10]%)
- 3- Two reference letters and/or contact email of two potential referees. ([10]%)

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