




Company Description

NanoGUNE is a research center devoted to conducting world-class nanoscience research for the competitive growth of the Basque Country. NanoGUNE is a member of the Basque Research and Technology Alliance (BRTA) and is recognized by the Spanish Research Agency as a María de Maeztu Unit of Excellence.

Information

 **Deadline:** 2022-07-31
 **Category:** Business
 **Province:** Gipuzkoa

 **Country:** Basque Country
 **City:** Donostia/San Sebastián

Company

CIC nanoGUNE



Main functions, requisites & benefits

Main functions

POSTDOCTORAL RESEARCHERS to work each in one of the following interdisciplinary research topics: Magneto-optics in 2D heterostructures. Fabrication of magnetic alloy films and compositionally graded structures. Multi-scale spatial surface functionalization by picosecond laser pulses. Lab-on-tip: design and fabrication of beyond the state-of-the-art functional nanopores. Quantum magnetism in novel graphene nanostructures: theory and experiment. Addressing organic nanomagnetism with superconducting quantum circuits. Metamaterials for plasmon-enhanced energy conversion. Spin pumping in 2D and topological materials.

Requisites

No available data

Benefits

We offer an international and competitive environment, a state-of-the-art infrastructure, and the possibility to perform research at the highest level. Also, we promote teamwork in a diverse and inclusive environment and welcome all kinds of applicants regardless of age, disability, gender, nationality, race, religion, or sexual orientation. The positions are expected to start on or before 01/01/2023 and for a total length of up to 36 months. In the first instance, the contract will be funded by grant CEX2020-001038-M of the "María de Maeztu" 2020 call of the Spanish National Research Agency.

