

The Nanoscience Cooperative Research Center, CIC nanoGUNE, located in Donostia / San Sebastian, Basque Country (Spain), is currently looking for a

MASTER STUDENT

to work on

Hybrid Materials for Mechanoelectric Sensors

NanoGUNE is a research center devoted to conducting world-class nanoscience research for a 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.

The **position** is offered in the **Nanomaterials** group, led by **Mato Knez** (m.knez@nanogune.eu).

Project Description

This Master's thesis aims to develop hybrid organic–inorganic materials that function as mechanoelectric sensors for potential applications in healthcare and monitoring. The materials engineering will involve vapor-phase molecular infiltration processes, followed by characterization using various spectroscopic and microscopic techniques. The project will also assess the functionality, sensitivity, and practical applicability of the developed materials.

Candidates should **apply** by following the instructions of the general call and by completing the form below and attaching the following documents:

- a. A complete CV
- b. Academic record and cover letter grouped in a single PDF file

The **deadline** for applications is **06/04/2026**.

NOTES:

(i) *All applicants will receive an answer after the end of the selection process; but please note that due to the large number of submissions that are expected, we cannot provide individual feedback.*

(ii) *Additional information about nanoGUNE's commitment towards [HR excellence in Research and Gender Equality](#) are available on our website.*

(iii) *We encourage you to subscribe to our [HR mailing list](#) to receive information related to nanoGUNE's open positions and open calls for different training and talent attraction programs.*