

The Nanoscience Cooperative Research Center **CIC nanoGUNE**, created with the mission of conducting world-class nanoscience research for the competitive growth of the Basque Country, member of the Basque Research and Technology Alliance ([BRTA](#)), and recognized by the Spanish Research Agency as a "*Maria de Maeztu*" Excellence Unit (2022 - 2025), is currently looking for

POSTDOCTORAL RESEARCHERS

to work each in one of the following interdisciplinary **research topics**:

1. Magneto-optics in 2D heterostructures.
2. Fabrication of magnetic alloy films and compositionally graded structures.
3. Multi-scale spatial surface functionalization by picosecond laser pulses.
4. Lab-on-tip: design and fabrication of beyond the state-of-the-art functional nanoprobes.
5. Metamaterials for plasmon-enhanced energy conversion.
6. Spin pumping in 2D and topological materials.

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 "*Maria de Maeztu*" 2020 call of the Spanish National Research Agency.

Candidates should **apply** by completing the form below and attaching the following documents (grouped in a single PDF file):

- A complete CV
- Cover letter
- Two reference contacts

The **deadline** for applications is **31/07/2022**.

The **selection process** will be assessed by external evaluators.

NOTES:

?(i) The deadline for applications is 7 July 2022.

?(ii) Applications that do not follow the instructions indicated above will not be further considered.?

(iii) The selection process will be assessed by external evaluators

?(iv) All applicants will receive an answer after the end of the selection process; but please note that due to the large number of expected submissions individual feedback cannot be provided.

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

?(vi) 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.