

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

CIC01: Master project on ULTRAFAST LIGHT-CONTROLLED MAGNETIC METAMATERIALS

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 **project** investigates how light matter interaction at the nanoscale activated by ultrafast optical pulses (from fs to ns) can be used to manipulate magnetic order and excite ultrafast spins dynamics in magnetic films and nanostructured metamaterials at the ultimate spatio-temporal scales. Besides the evident fundamental interest, this research field is greatly motivated by the desire to develop new magnetic systems with performances surpassing the actual ones used in the technologies of recording and processing the information.

The position is offered in the **Nanomagnetism Group**, led by **Andreas Berger** (a.berger@nanogune.eu) and co-led by **Paolo Vavassori** (p.vavassori@nanogune.eu). More information can be found at <https://www.nanogune.eu/en/research/groups/nanomagnetism>.

The position is expected to start in **01/09/2025** and for a total length of up to **10 months** (01/09/2025 - 30/06/2026).

Candidates should **apply** 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 **22/06/2025**.

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.*