

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

Nanomagnetism





# Nanomagnetism Gro

Andreas Berger (Group Leader, Research Director) Paolo Vavassori (Group Coleader, Ikerbasque Professor) Mikel Quintana, Carmen Martín, Terunori Kahiara, Chandan Pandey, Matteo Me

The Nanomagnetism Group is conducting basic and applied world-class research in the f a long-standing expertise and proven track record in fundamental and applied aspects characterization, especially magneto-optical methods.



# **Magneto-optics**

Determine optical properties of the

sample

### Magneto-optical Kerr effect (MOKE) ellipsometry techniques

Ellipsometry measures the polarization state of ---light after reflection

 $E_i$ Incident linearly



Thermal activ

#### Thermop due to th

#### Localized surfa



- Wavelength and
- Size dependent
- Environment dep
  - "Selective and fast p 7656-7666 (2019).
  - "Chiral switching an

  - Applied 18, 024014

# Magn

#### Magneto

Localized s plasmon pola Collective oscillati



Candidates should **apply** by completing the form below and attaching the following documents:

- a. A complete CV
- b. A cover letter and at least two reference letters grouped in a single PDF file

The deadline for applications is 29/02/2024.

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 <u>HR excellence in Research and</u> <u>Gender Equality</u> are available on our website.

(iii) We encourage you to subscribe to our <u>HR mailing list</u> to receive information related to nanoGUNE's open positions and open calls for different training and talent attraction programs.