

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

## **Post Doctoral Researcher**

to work on

### **Tellurium-free Thermoelectric Devices**

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 Knez, Mato (m.knez@nanogune.eu). The Nanomaterials group is led by Dr. Mato Knez. The activity of the Nanomaterials group is focused on the synthesis and functionalization of materials. Its research programme has been divided into thin-film coating, hybrid inorganic-organic materials, and bio-organic nanomaterials..

The candidate will join a **research line** focusing on thermoelectric materials. More information can be found at <https://www.nanogune.eu/nanomaterials>.

The aim of the **project** is to Fabrication of Te-free thermoelectric materials by atomic layer deposition (ALD) and vapor phase infiltration (VPI) and their physical, chemical and thermoelectric characterization..

The successful **candidate** will be skilled in vapor phase processing methods, particularly ALD and VPI and in commonly used characterization techniques including FTIR, Raman, XRD, SEM, XPS, XRR, etc. Proficiency in spoken and written English is central for the collaboration with our international project partners.

**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 position is expected to start in 01/11/2023 and for a total length of up to 20 months (01/11/2023 - 30/06/2025) in the Nanomaterials Group. The contract will be funded by the Spanish Ministry of Science and Innovation.

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

1. A complete CV
2. A cover letter depicting the motivation behind the application.

The **deadline** for applications is **12/09/2023**.

*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.*