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 Prof. Mato Knez (m.knez@nanogune.eu). The Nanomaterials research group of CIC nanoGUNE has a strong focus on vacuum based thin film deposition methods. The group has an immediate opening for a postdoctoral coworker. We are searching for a highly motivated and creative person with a solid materials science/engineering, chemical, physical, or related background and skills in materials fabrication and characterization, to work on the process and materials development for tellurium-free thermoelectric devices.

The **project** is a collaboration of five partners from four European countries within the framework of M-ERA.NET. Prior experience of the prospective candidate in vapor phase processing, thin film coating and physicochemical characterization are considered beneficial. More information can be found at https://www.nanogune.eu/nanomaterials.

Requirements for this position are:

- Suitable scientific education, a doctoral degree in materials science/engineering, chemistry, physics, or similar.
- Hands-on experience in one or more of the following techniques is beneficial for the position: ALD, CVD, FTIR, SEM-EDX, powder processing, XRD, XRR.
- Excellent English communication skills for a work in a dynamic and international environment.

Responsabilities will include:

- Interaction with our international partners within our M-ERA.NET consortium
- Process design and materials development
- Reporting of results in project meetings and development of strategies for optimization of processes
- Process optimization and contribution to field testing of the prototypes

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.

We will **offer** a competitive salary commensurable to educational qualifications and working experience of the candidate. This position is initially envisioned for one year with a possible extension to a second year (pending approval) and will be filled on May 1st 2023 or thereafter as soon as a suitable candidate is identified.

Interested candidates should **apply** by completing the form below (direct applications to the project leader can´t be considered) and attaching the following documents:

- A motivation letter and a curriculum vitae, attached as a single PDF file.

Any questions regarding the open position can be addressed to Mato Knez (m.knez@nanogune.eu).

The **deadline** for applications is **16/04/2023**.

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.

CIC nanoGUNE
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE