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

Technician

to work on

The project's focus is on developing protective coatings for cultural heritage sites, emphasizing strength, toughness, durability, and compatibility with building materials.

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 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 scientific coworker to design, synthesize, and optimize inorganic-organic hybrid formulations to preserve cultural heritage. We seek a candidate who is both motivated and innovative, boasting a solid background in materials science/engineering, chemical, physical, or related background and skills in materials fabrication and characterization. The project's primary focus will be on developing protective coatings for cultural heritage sites, emphasizing strength, toughness, durability, and compatibility with building materials. Prior experience with the prospective candidate in vapor phase processing, thin film coating, and physicochemical characterization are considered beneficial.

The candidate will join a **research line** focusing on preservation of cultural heritage.

The **responsibilities** of the candidate will be
- 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.

The **successful candidate** will have
- Educational qualifications: suitable scientific education, a bachelor's or master's degree (or equivalent university degree) in materials science/engineering, chemistry, physics, or similar.?

- Technical experience: 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.

?- Personal attributes: We look for a talented, motivated, and enthusiastic researcher. Analytical skills, initiatives, and creativity are highly desirable.?

- Passion for Research: Naturally curious who is eager to learn more and has a strong interest in research.?

- Communication skills: excellent English communication skills for work in a dynamic and international environment.

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 01/02/2024 or thereafter as soon as a suitable candidate is identified, and for a total length of up to 12 months **(01/02/2024 - 31/01/2025)** in the Nanomaterials Group. The contract will be funded by the **La Caixa foundation**.

We will offer a competitive salary commensurable to educational qualifications and working experience of the candidate. Successful candidates may have the opportunity to pursue further education, such as a Ph.D., in a related field. Interested individuals should use our web-based application form below as direct applications to the project leader can´t be considered. Any questions regarding the open position can be addressed to Mato Knez (m.knez@nanogune.eu).

Candidates should apply by completing the form below and attaching the following documents:
A complete CV
A cover letter and, where possible, two reference letters grouped in a single PDF file

The **deadline for applications is 15/01/2024**.

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 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.


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