

Institute of Microelectronics of Barcelona IMB-CNM (CSIC)

Open position

Starting: Feb/Mar-2025

Location: CNM-IMB-CSIC/ICN2, UAB, Barcelona

Project Manager for Spin-off LightNET Carbon Capture (CO₂ Capture and Valorisation)

Carbon capture market worldwide has experienced a significant growth in recent years driven by increasing concerns about climate change and the need to reduce greenhouse gas emissions. The CSIC/ICN2 spin-off LightNET Carbon Capture S.L. (LNCC) is a spin-off company whose purpose is to help Catalan, Spanish, EU and global companies to become carbon neutral by sequestering and valorising CO₂ at the emission point and/or directly from the air.

LNCC ex-situ CO₂ removal strategies are focused on speed up reactions to occur on human timescales of several decades or faster to meet long-term international climate targets. We have developed innovative material solutions that can be developed into products that will capture CO₂ at a faster rate and efficiency than current point source capture (PSC) and direct air capture (DAC) absorbers. Two different commercial products are being launched: (1) CO₂ating®: A coating layer for any kind of surface which captures CO₂ until its saturation. (2) CO₂rallite®: A replaceable element which captures CO₂ until its saturation and then may be replaced and further valorised along the industrial value chain.



Key Responsibilities

- Manage different spin-off projects, including coordination with operating technologies area
- Help to define and execute the strategy for business Intelligence
- R+D+I for continuous optimization of production processes
- Development of the CO₂ projects portfolio to answer customer needs

Required skills

- Excellent team-working and interpersonal skills, able to build trust and confidence among customers, suppliers, partners and colleagues
- Out-of-the-box thinker, client advocate - a doer, not a just a thinker
- A strong sense of ownership and empathetic attitude

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Experience

- Engineering, Chemistry, Physics, Materials or others related studies
- Studies/know-how in entrepreneurial or/and MBA is a plus
- PhD is a plus
- Driver's license B is a plus

Job conditions

- Full time contract (37,5 hours/week)
- Temporal (indefinite contract after candidate and business validation)
- On site work, with the possibility of teleworking and flexible schedule
- Trial period of 6 months
- Competitive salary according to qualifications and proven experience
- Career development plus benefits

The person hired will be working at the Institute of Microelectronics of Barcelona - National Microelectronics Center (IMB-CNM) of the CSIC, located at the Bellaterra Campus of the UAB (Cerdanyola del Vallès).

The IMB-CNM is the largest institute in Spain dedicated to the research and development of Micro and Nano Technology and microsystems and with unique capabilities in silicon technology. It belongs to CSIC since its foundation in 1985 and is distinguished with the AEI María de Maeztu Unit of Excellence accreditation.

The main activities of IMB-CNM are basic and applied research and development, education and training in micro and nanotechnologies, components and systems. Its mission is to improve knowledge and contribute to the implementation of solutions based on these technologies in new products to solve societal challenges.

How to apply

Applications should be submitted to amador.perez@imb-cnm.csic.es and rrhh@imb-cnm.csic.es stating the job title as the Subject of the message. The mail should include a cover letter and an updated CV.

Sending CVs to the above address implies consent to the Legal Advice | IMB CNM (csic.es).

This offer can be found on:

<https://www.imb-cnm.csic.es/en/about-center/careers/open-positions>.

More information: www.lightnetcc.com