

Institute of Microelectronics of Barcelona IMB-CNM (CSIC)
C/- dels Til·lers, S.N., Campus UAB | 08193, Cerdanyola del Vallès
<https://www.imb-cnm.csic.es> | rrhh@imb-cnm.csic.es
+34 93 594 7700

Cleanroom Process Engineer

The Barcelona **Institute of Microelectronics (IMB-CNM CSIC)** is a reference centre for research and development of new Micro and Nano Technologies, Components, and Systems, aimed at applying these technologies to help solve the social challenges currently faced by European citizens. It has been part of the Spanish National Research Council (CSIC) since its founding in 1985 and has been awarded the AEI María de Maeztu Unit of Excellence accreditation.

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

The **Integrated Micro and Nanofabrication Cleanroom (SBCNM)** is a **Unique Scientific and Technical Infrastructure (ICTS)** dedicated to the development and application of innovative technologies in the field of microelectronics, together with other emerging micro- and nanotechnologies. It includes more than 150 process equipment systems installed within 1,500 m² of controlled environment space.

What you will do:

The hired person will join the metallization and implantation areas of the cleanroom at the IMB-CNM, part of the Spanish National Research Council (CSIC). Their work will mainly focus on the operation and maintenance of thermal evaporation (e-beam), cathodic evaporation (sputtering), and ion implantation equipment, as well as the associated technological processes.

Responsibilities:

- Manage the equipment (operation and maintenance) and the associated processes under their responsibility.
- Carry out process tasks for their equipment and within the area, as well as their verification.
- Record the operating parameters of the equipment and report any incidents.
- Communicate and jointly resolve incidents in manufacturing and production runs together with project managers.

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Requirements

We are looking for a self-motivated and proactive person, with good communication skills, analytical ability, and problem-solving capacity, who is also able to work effectively in a team. The candidate must hold a technical bachelor's degree, such as Physical Engineering, Nanoscience and Nanotechnology, Physics, Materials Engineering, or an equivalent qualification.

Working Conditions

- Full-time permanent contract
- Flexible working hours, with required presence from 9:00 to 14:00
- 3-month probation period, with a performance evaluation after one and a half months
- Salary according to qualification, proven experience, and CSIC conditions
- Application Deadline 10 April 2026

The selected candidate will join the Cleanroom Group at IMB-CNM- CSIC, located on the Bellaterra Campus of the Autonomous University of Barcelona in Cerdanyola del Vallès.

Interested in joining us?

Applications must be sent to rrhh@imb-cnm.csic.es, indicating the job title as the subject of the email. The email must include a cover letter and an updated CV.

Sending your CV to the above address implies consent to the terms of the Legal Advisory Office of IMB-CNM of the Spanish National Research Council (CSIC).

IMB-CNM adheres to the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, ensuring full alignment with their principles and requirements, including equal opportunities, transparency, merit, and competence, and promoting open, fair, and excellence-based recruitment processes.

IMB-CNM holds the HR Excellence in Research award, which recognizes the Spanish National Research Council (CSIC) for its commitment to the continuous improvement of human resources strategies for research staff.

This job offer can be found at:

<https://www.imb-cnm.csic.es/en/research/research-career/open-positions>

More information about **Institute of Microelectronics of Barcelona – National Microelectronics Center (IMB-CNM)**:

<https://www.imb-cnm.csic.es/es>



EXCELENCIA
MARÍA
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HR EXCELLENCE IN RESEARCH

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