

Institute of Microelectronics of Barcelona IMB-CNM CSIC

Clean room Process engineer

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

IMB-CNM aims to contribute to the advancement of knowledge and to the economic and social development of society, as well as to the training of researchers and engineers and to the advice to public and private entities.

The research activities of IMB-CNM are dedicated to Micro/Nano Integrated Systems: miniaturized electronic systems which include sensing and/or actuating capabilities in addition to electronic information processing, power management and external interfaces.

The IMB-CNM is located on the Autonomous University of Barcelona (UAB) Campus and contains the largest clean room facilities in Spain with full capability to process its own CMOS technologies and laboratories.

Job Summary:

IMB-CNM (CSIC) is seeking a **Clean Room Process Engineer** as part of the project *Upgrade of Cleanroom Tools and Infrastructure*. The selected candidate will play a key role in enhancing and optimising micro- and nanofabrication processes, while ensuring the efficient operation of cleanroom equipment and facilities. This position has a strong service-oriented vocation, aimed at providing high-quality technological solutions both to IMB-CNM researchers and to external users from other research centres and companies. Joining our team means contributing to a state-of-the-art research environment and collaborating with multidisciplinary groups to advance scientific and technological innovation.

What will you do?

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

Who we are looking for:

- ✓ Education: Semiconductor, Nanoscience and Nanotechnology, Electronics, or Industrial Technology Engineering
- ✓ We are particularly interested in candidates with experience in chip encapsulation processes.
- ✓ We are looking for an independent, proactive, communicative person with analytical and problem-solving skills who knows how to work in a team.
- ✓ The position requires Collaboration with cleanroom staff and researchers

What we offer:

- ✓ A dynamic international research environment located in Barcelona (UAB Campus)

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- ✓ Access to Spain's largest clean room facilities for micro/nano fabrication
- ✓ Work hand in hand with experienced researchers and multidisciplinary teams

Minimum requirements:

- ❖ Teamwork, Critical thinking and problem solving, Collaborative knowledge generation, Managing deadlines and competing responsibilities, Coordinating with multiple stakeholders, Seeking feedback and continuous improvement.

Language Requirements:

- English, Intermediate, Full working competence
- Spanish, Full working competence

Interested in joining us?

Complete this [form](#) and send your CV to Talent@imb-cnm.csic.es, with the subject: "Clean Room Process engineer".

*Applicants are kindly advised to ensure that their CVs clearly demonstrate compliance with the requirements of the position. CVs should include precise dates, relevant skills, and notable achievements that evidence the candidate's suitability and distinction in the selection process.

Deadline: On going until positions are covered.

All candidates will be contacted and informed about their status in the selection process.

Check our website for more information about the IMB-CNM and our research activities:
<https://www.imb-cnm.csic.es/en>

Take the next step in your career with us!

*By applying, you accept our [data protection policy](#).

**IMB-CNM (CSIC) adheres to the [European Charter and Code of Conduct for Researchers](#), ensuring full alignment with their principles and requirements, including equal opportunity, transparency, merit and ability, caring for an open, fair, and excellence-based hiring processes.

IMB-CNM holds the [HR Excellence in Research award](#), which acknowledges CSIC's commitment to continuous improvement in HR strategies for researchers.