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## Job title **Semiconductor manufacturing technologist**

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### Main tasks and responsibilities

We are looking for a person with a higher degree to develop and improve our in-house CMOS micron technology. The selected person will work at IMB-CNM, in Cerdanyola del Vallès, Barcelona (Spain). Her/his main task will be:

- Definition and follow-up of the CMOS fabrication process in the clean room.
- Analysis of the electrical and physical characterization of the manufactured wafers.
- Definition of technological routes for in the technological paths envisaged (wafer diameter increase, multi-level metallization, downscaling).
- Transversal assessment in technological issues at IMB-CNM.

### Requirements/Background and skills

- Degree or MSc in Engineering Physics, Microelectronics, Nanotechnology or a related field.
- We are looking for a responsible and communicative person, with initiative and team player.
- Oral and written proficiency in Spanish and English will be valued.
- Experience in clean room and semiconductor manufacturing will be valued.

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### Description of Group/Project

The Micro and Nanofabrication Clean Room of the Institute of Microelectronics of Barcelona (IMB-CNM, CSIC) is a Unique Scientific and Technological Infrastructure (ICTS) dedicated to the development and application of innovative technologies in the field of Microelectronics together with other emerging Micro/Nanotechnologies.

### Summary of conditions

We offer a contract (with a 3-month probationary period) with guaranteed funding for 1 year. Extension will depend on funding. Full time and salary in accordance with qualifications, experience and CSIC regulations.

### How to apply

All applications should be sent to [icts@imb-cnm.csic.es](mailto:icts@imb-cnm.csic.es), with the subject "Job offer CMOS". Applications must include a CV of the candidate.

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### Deadline for applications

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### Expected start date

As soon as possible

- This offer can be found on: <https://www.imb-cnm.csic.es/en/about-center/careers/open-positions>
- More information on IMB-CNM: <https://www.imb-cnm.csic.es/en/>