

**Job Title:** Process Specialist – Cleanroom, Microelectronics

**Workplace Location:** Polifab, Politecnico di Milano, Via Giuseppe Colombo 81, 20133 Milan, Italy

**Work Schedule:** Full-time, 36 hours per week

**Job Description:**

We are seeking a Process Specialist to work in our cleanroom dedicated to the production of prototypes of microelectronic devices. The candidate will be responsible for developing, optimizing, and monitoring production processes, ensuring high standards of quality and performance.

**Main Responsibilities:**

- Develop, implement, and optimize production processes related to cleanroom operations (e.g., deposition, photolithography, etching, characterization).
- Continuously monitor process parameters to ensure product quality and operational efficiency.
- Analyze process data to identify and resolve technical issues or inefficiencies.
- Collaborate with engineering and maintenance teams to improve equipment reliability and production systems.
- Draft and update technical documentation, standard operating procedures and process specifications.
- Train and support university laboratory users to ensure the success of their experiments and research.
- Conduct qualification tests on new materials, tools, and processes.
- Manage research projects resulting from collaborations with external partners.

**Requirements:**

- Master's degree in electronic engineering, physics, chemistry, materials science, or related fields (equivalent qualifications will be considered).
- Basic knowledge of key microelectronics manufacturing processes.
- Strong data analysis skills and familiarity with statistical tools.
- Knowledge of commonly used software (Microsoft Office Suite) and data analysis tools.
- Problem-solving attitude and ability to work in highly dynamic and interdisciplinary teams.
- Strong written and spoken English language skills.

**What We Offer:**

- Fixed-term contract with the possibility of stabilization.
- Opportunity to participate in innovative research and development projects.
- Continuous training on advanced technologies.
- A stimulating and highly technological work environment.

If you believe you are a suitable candidate, please send your updated CV and a cover letter to [infopolifab@polimi.it](mailto:infopolifab@polimi.it).