

LIGENTEC is a young and dynamic European company with headquarters in Lausanne, Switzerland, near EPFL, close to the shore of Lake Geneva. We are manufacturing **Photonic Integrated Circuits (PICs)** for customers in high-tech areas such as Quantum Technologies, LiDAR, Space Technologies and Biosensors. LIGENTEC All-Nitride technology enables our customers to develop their products in the industrial revolution 4.0.

To build our team in our newly opened Paris site we are looking for a:

Process Engineer - Dry Etch

Integrated Photonics

Your responsibilities:

- Develop and optimise etch processes
- Guarantee and improve quality
- Provide operational support to production
- Participate in technology transfers and the industrialization of new products
- Set up and optimise product and equipment monitoring
- Establish action and improvement plans, preventive and/or corrective
- To carry out your missions, you will interface with many entities in Process Defect Integration, Development, Production, and Project Management.

Your profile:

- Engineer or PhD with hands-on experience in plasma etching with various ICP and CCP reactors. You know how to characterise the different etched materials with focus on dielectrics
- Knowledge of SPC, FDC, APC, DOE
- Experience in integrated optics is a strong plus
- Rigorous and autonomous, you have a strong taste for process technologies and dynamic environments.
- Good communication skills
- Goal oriented and driven to work on the next generation photonic technologies
- Good computer skills are required (Python, JMP, R or equivalent) and knowledge of data analysis systems
- Work/residence permit for France or French/EU citizenship.
- Working proficiency in English and French

We offer:

- A flexible and dynamic start-up work environment.
- A highly international, diverse and highly motivated team.
- Personal responsibility in your job and the chance to grow with us.
- Our passion to bring PICs to every day's life.

Activity rate: 100%

Place of work: Corbeil Essonnes, France

Start date: as soon as possible

How to apply:

We look forward to receiving your full application using reference 2213-PE, including 1) your CV, 2) a statement of interest (relating the position to your skills) and 3) grade or work certificates to hr@ligentec.com. Non complete applications may not be considered.

