

LIGENTEC is a young and dynamic company located in Lausanne, Switzerland. We are manufacturing Photonic Integrated Circuits (PIC) 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.

We are looking for a:

Test Engineer

Integrated Photonics

Your responsibilities:

- Characterization of Photonic Integrated Circuits with a fully automated wafer level prober
- Push the limits of PIC characterization, development of test methods and procedures for highly demanding specifications
- Continued performance improvement of the automated wafer level setup, data analysis scripts and measurement procedures
- Generate, validate and maintain test programs/scripts for parametric and functional tests of electro-optic photonic integrated circuits.
- Tool ownership (uptime, maintenance, repeatability, reproducibility) of wafer level prober and related test equipment.
- Execute functional and parametric tests.
- Update and continuous improvement of laboratory inventory.
- Communication with the process team for timeline adjustments.
- Collaborate closely with the swiss testing team, contribute to the improvements of the new testing protocols.
- Interface with test equipment vendors and support equipment vendors.
- Support application/sales engineers for customer products/devices.

Your profile:

- MSc or PhD in photonics, physics, optics engineering or related field.
- 3+ years of hands-on experience with fibres and optical test equipment
- Multiple years of hands-on experience in an optical lab
- Working proficiencies in English
- Work/residence permit for France

Activity rate: 100%

Place of work: Corbeil-Essonnes, France

Start date: as soon as possible

Sending of applications:

We look forward to receive your applications, including your CV and a statement of interest to hr@ligentec.com

