



ALMAE/DIR/MFB/25/0007

## Semiconductor lasers project manager

### **Company description:**

Almae Technologies is a fast-growing SME that designs and manufactures advanced optoelectronic components for optical telecommunications networks. Our mission is to be a reliable, world-class partner and supplier to industries using advanced laser technologies, thanks to our InP-based semiconductor technology chain.

These optoelectronic semiconductor devices are manufactured in a controlled cleanroom environment, following lengthy manufacturing processes (several months) involving a succession of physico-chemical stages (plasma etching, chemical etching, material deposition, cleaning, lithography, etc.).

We are currently looking for an engineer to develop new laser components for our R&D team, with a view to expanding our product portfolio.

### **Missions:**

- Define the designs to be implemented and the manufacturing runs to be launched (mode simulations, mask coding, choice of quantum well stacks, etc.).
- Carry out clean-room manufacturing of semiconductor laser wafers (lithography, RIE and ICP etching, chemical etching, dielectric deposition, metallic deposition).
- Define validation tests, analyze and synthesize results in relation to designs, suggest necessary improvements.
- Interact with customers to understand their needs, keep them informed of project progress. Manage sampling and analysis feedback.
- Monitor the state of the art and keep abreast of technological developments.
- Promote results through conferences, scientific articles and patents.

### **Skills and required knowledge:**

- Bac +5 level or higher.
- At least 3 years' expertise in the field of optoelectronic semiconductors, with experience in cleanroom manufacturing of InP components.
- Project management skills: ability to organize and summarize, autonomy.
- Ability to communicate internally and with external customers or partners.
- Fluency in English.



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**Work conditions:**

Working week: 39 hours per week

Company Savings Plan

Profit-sharing agreement

RTT

Time Savings Account

Luncheon vouchers

Mobility bonus

Health insurance paid 100% by the company

Workplace: DATA4-Marcoussis site, served by public transport.

Permanent position

Gross monthly salary: according to profile

Contact: EXCLUSIVELY at the address [career@almae-technologies.com](mailto:career@almae-technologies.com)