



ALMAE/DIR/MFB/25/0005

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.).

Almae develops semiconductor components (lasers, optical amplifiers) on InP substrates that can be hybridized with Silicon platforms to reduce costs and improve performance. We are currently looking for a candidate with experience in semiconductors to lead this project.

Missions:

- Implement selected hybridization technical solutions: component geometry, alignment patterns, choice of metallisations, etc. Produce mask sets with experimental designs and monitor their implementation with cleanroom technologists.
- Define validation tests and analyze results in relation to designs, suggesting any necessary improvements.
- Manage the day-to-day project and interactions with customers/partners.
- Promote results in conferences, scientific articles and patents.
- Monitor the state of the art and propose the most appropriate technical solutions, define and set up the necessary partnerships (Silicon platforms, assemblers).

Skills and required knowledge:

- 5 years' higher education or more.
- At least 5 years' expertise in optoelectronic semiconductor 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