

Profile for Alcyon Photonics Chief Technology Officer (CTO)

Company culture

The candidate will be part of a new technological company emerged from the valorization of disruptive photonics technologies developed between the University of Málaga and the Spanish National Research Council (CSIC). The candidate will work in a very fast and intellectually demanding environment, with a product- and customer-centric approach. The organization has a flat structure, where goal achievement, self-determination, critical sense, personal improvement, excellence in execution, high rigor, and a relationship based on trust, are the pillars of its operation.

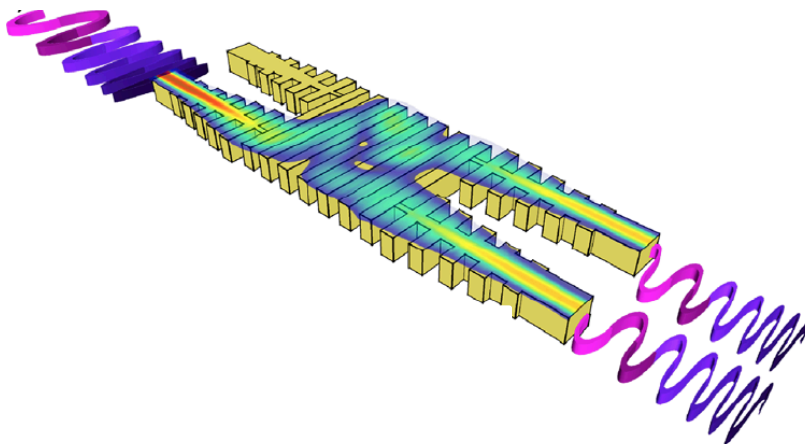
Job description/ Why we're hiring

We're looking for a CTO who will take a key role on our team. Our CTO will be responsible for the technical development of our product, and for overseeing all technical aspects of the company. The CTO will work with Executive Management to grow the company through the use of technological resources.

Initially, their mission will be to **conduct research and develop prototypes of high-quality passive photonic components for the Silicon on Insulator platform**. The prototypes will be based on proprietary technology developed by the aforementioned research groups, which will provide significant competitive advantages in terms of footprint and bandwidth.

In later stages, their work will include optimizing and implementing final products, developing technical aspects of the company's strategy, managing R&D and Engineering budgets, discovering and implementing new technologies that yield competitive advantage, and presenting technological issues to CEO and board of directors.

For this, we are seeking a person willing to lead an innovative and ambitious R&D project, with enough passion, energy and motivation to transform an outstanding technology into high-quality end-products for the rapidly-growing photonics sector.



Requirements and expertise:

- A degree in Physics or Telecommunications Engineering, preferably with a recent PhD or Master's degree in Photonics.
- Familiarity with waveguide-based devices and the photonics technological landscape.
- Expertise in photonic design software.
- Expertise in experimental characterization of optic components.
- Ability to conduct technological analyses and research.

Abilities:

- Understanding of budgets and business-planning.
- Ability to think and act strategically and proactively.
- Problem-solving aptitude.
- Perseverance, resilience and high degree of self-motivation.
- Product and customer centric vision.

Benefits and Perks

- Remuneration fixed on the basis of the value of the candidate and variable remuneration.
- Training in charge of the company.
- Integration in a young and dynamic team and a company with significant growth potential.
- A unique growth opportunity. Professional development to master new skills and to grow into other roles.

Location

- The workplace will be located in Madrid, with secondments in Málaga.

If you are interested in participating in the process, please send your updated cv, academic record and master's degree to a.villafranca@csic.es and almudena.trigo@beablecapital.com.