

## Postdoctoral Photonics Research Fellow Position

Alcyon Photonics is looking for a [Postdoctoral Research Fellow to apply for a Torres Quevedo Project](#). The proposed project comprises from studying basic optics phenomena to product development, including the development of the necessary work tools to build an efficient and professional workflow. Candidates [must meet](#) the requirements indicated in the [call](#).

We are looking for a candidate willing to:

- lead a project on design, simulation and fabrication of photonic structures in Silicon, which can be applied to the design of high performance Integrated Photonic Circuits (PICs)

- participate in joint R&D projects with both private companies and research centres.

- proposing innovative solutions to address partners and customers' challenges

- publish high-impact-factor papers in scientific journals

we also value the following skills and expertise:

- FDTD simulation with commercial software (Ansys-Lumerical, ...)

- design, fabrication and characterization of PICs

- development of python-based tools for data processing and PIC design flow

- other R&D related background in the photonics, electronics industry

- proficiency with programming languages

We offer:

- Leading innovation working environment

- Competitive salary

- Full time employment

- Remote working possibility

- Access to high computing capacity workstations

Let us know your interest on becoming part of the team by contacting: Dr. Antonio Dias, [antonio.dias@alcyonphotonics.com](mailto:antonio.dias@alcyonphotonics.com)

ALCYON PHOTONICS S.L. is a start-up focused on the design of high-performance Photonic Integrated Circuits (PICs), increasingly demanded for application in many different fields such as optical communications, computing or sensing. The company aims at transferring the innovation and specific know-how developed at the Spanish National Research Council (CSIC), to the growing photonic semiconductor market.