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 join 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

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.