

CANDIDATES FOR INDUSTRIAL DOCTORATE AT ALCYON PHOTONIC



CO-FINANCED BY THE COMMUNITY OF MADRID

DO YOU WANT TO DO AN INDUSTRIAL DOCTORATE IN A DEEP TECH COMPANY?

Alcyon Photonics is a start-up company that arises as a spin-off from the CSIC (Spanish National Research Council) and that focuses on the development of high performance Integrated Photonics Circuits (PICs) on silicon.

The doctoral student will work in a young but experienced small company environment while developing his or her research in R&D projects, both in collaboration with public research centres and companies. The advantage of this doctoral project is that it combines the dynamics of basic research (innovative developments, attendance at conferences, stays, publication of high impact articles, etc.) with developments focused on market demands (product development).

JOB DESCRIPTION:

Product Developer

- Possibility of teleworking
- Three years of full-time employment contract (37.5 h/week)
- Product development work focused on integrated photonic circuits for telecom and sensing applications
- Publication of results in high impact scientific journals.
- Participation in public and private funding projects.
- Attendance to conferences
- Access to professional tools
- Possible stays abroad
- Between 20,000 and 25,000 € gross per year, depending on value.

REQUIREMENTS:

See call: http://w3.bocm.es/boletin/CM_Orden_BOCM/2017/09/01/BOCM-20170901-11.PDF

Preferably telecommunications engineering, with knowledge of optical communications. Also graduated in Physics with a Master's degree in Photonics/Optoelectronics.

Knowledge of:

- Python
- Experience in Optics laboratory
- Experience in simulating photonic devices

English level B2 or higher.

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<https://www.linkedin.com/company/alcyonphotonics/>