



Integrated Photonics Designer

About the company

Qplox is a fast growing company offering test and automation engineering. Headquartered in Leuven, with offices in Barcelona and Eindhoven.

Our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics....Our Test automation group offers a one stop shop for design of automated test benches, system integration production, lab automation and data acquisition systems, with a growing focus in IoT sensor networks.

Our consultancy department offers services in RF, semiconductors and electronics design and test, as well as on the crossing roads of Nanotechnology, Bio-Science Engineering and Biotechnology .

Job Description

The candidate will work on integrated photonic design, modeling and layout technologies such as Silicon or SiN photonics.

The assignment

- The candidate will do integrated photonic design, modeling, and layout to support the various projects the group is involved in, using photonic technologies such as Si or SiN.
- Interaction with team members and project management, as well as with characterization and process responsible.
- Good reporting and documenting of work.

Candidate Description

- Background in integrated photonic design, especially silicon photonics or SiN.
- Modeling with software such as Lumerical, IPKISS, Cadence, MATLAB, Python.
- Layout of photonic circuits with Cadence or IPKISS.
- Knowledge of integrated system modeling, including source and detector noise.
- A background in dispersion and wavelength dependent design (AWG) will be a plus, as will knowledge of IPKISS AWG designer module.

We offer

An attractive salary package with extra benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject "Integrated Photonics Designer".