
About the company

Headquartered in Leuven, Qplox engineering department offers advanced, customized solutions for test, validation and verification for the high tech electronics industry, from prototypes to full custom test benches. We offer a one stop shop for test benches, system integration production and lab automation solutions. Qplox uses all its expertise to develop our own IoT sensor solutions.

Our consulting group is a family of experts in microelectronics, where large companies come for advice in the most daunting semiconductors and microelectronics projects.

Whatever your view is on high tech electronics, there is always a nice project running in Qplox

Job Description

The candidate will work on photonic beamforming. The focus will be on design, analysis and layout generation, but tasks can also be characterization based, such as setup building or measurement.

Tasks can include:

- Making integrated photonic designs
 - Analyzing photonic systems
 - Making layouts for components as well as photonic systems
 - Building characterization setups
 - Making measurements of photonic beamformers
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Candidate Description

Function Requirements:

- A strong knowledge of photonics, preferably integrated photonics
- Ability to function in team
- Ability to provide clear reports

Relevant experience:

- Integrated photonic design
 - Photonic characterization
 - Characterization automation, preferably in Python
 - Experience with photonic design software, for example Lumerical or HFSS
 - Experience in producing a GDS for an integrated photonic circuit
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We offer

We offer you the opportunity to join one of the world's premier research centers in nanotechnology at its headquarters in Leuven, Belgium. With your talent, passion and expertise, you'll become part of a team that makes the impossible possible. Together, we shape the technology that will determine the society of tomorrow.

We are proud of our open, multicultural, and informal working environment with ample possibilities to take initiative and show responsibility. We commit to supporting and guiding you in this process; not only with words but also with tangible actions. We actively invest in your development to further your technical and personal growth. Your energy and commitment are appreciated by means of a competitive salary with many fringe benefits.

Contact

Send your CV and application letter to jobs@qplox.com indicating the position in the subject
