



VIGO Photonics S.A. is a leading company in the photonics industry, specializing in the production and development of advanced infrared detectors and measurement systems used in the most demanding applications worldwide. We are continuously striving for further growth, which is why we are looking for talented and ambitious individuals to join our team and shape the pioneering technology of integrated photonics. HyperPIC project – being a part of European IPCEI initiative, is aimed at the development and implementation of photonic circuit technologies that will be applied across various industrial sectors - from medicine to telecommunications and automation.

PHOTONIC INTEGRATION AND μ ASSEMBLY LEADING EXPERT

We are looking for experts in industrialization of novel materials for sensing and other applications. Step with us into the future of photonics and join Poland's largest project in integrated photonics – HyperPIC, co-funded under the #IPCEI ME/CT programme.

If you are a passionate, forward-thinking leader in photonic integration and assembly technology ready to take on exciting challenges in the heterogeneous integration of mid-IR PICs, we'd be thrilled to welcome you on board.

Be part of this groundbreaking journey with VIGO Photonics and make a lasting impact in the world of integrated photonics!

Job-related tasks

- Leading and coordinating R&D works in the development of integration and micro-assembly technologies for mid-infrared integrated photonic platform (MIRPIC)
- Coordinating development and contributing to assembly design kit (ADK)
- Coordinating design and development of technological lines for integration, assembly and packaging
- Elaborating and developing integration standards
- Directly cooperating with external research teams
- Mentoring junior/mid-level photonic integration and micro-assembly engineers
- Organizing and managing staff trainings
- Planning and executing the development of the integration and assembly team

Required skills and/or experience

- PhD degree in mechatronics, electronics, photonics, or related fields (or equivalent by experience)
- Detailed knowledge of heterogenous and hybrid integration technologies
- Experience in opto-electronic integration
- Experience in designing integrated photonics systems demonstrators and prototypes
- Track record in cooperation with the industry
- Experience in assembly and prototyping processes and technologies
- Experience in CAD design software, including electrical, mechanical and thermal issues
- Experience/practical skills in the development of photonic integration platforms
- Experience in functional, parametric, reliability, and thermal tests of integrated circuits with practical abilities in data extraction from experiments
- Active command of English
- Strong analytical and communication skills
- Effective teamwork capabilities
- Ability to work under time pressure

Why apply to VIGO?

- ➔ We treat every application as an expression of the highest trust and give it the attention it deserves. We provide ALL applicants with an update on the application procedure as soon as possible.
- ➔ The selected person will be offered stable employment, an extensive employee benefits package, and professional training and development opportunities.
- ➔ We provide an elaborate induction process and make sure that every new VIGO Employee feels a part of our team from the very first day.

If you are interested, please send your application documents via the website:

<https://vigo.com.pl/en/about-us/career/>



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Other valuable qualifications and skills

- Knowledge of mid-infrared technologies (light sources, detectors, waveguiding elements)
- Knowledge of assembly design kits for photonic/electronic integration platforms
- Knowledge of mid-infrared communication and sensing techniques
- Relevant experience in the photonics industry or R&D-oriented institutes
- Experience in leading R&D teams

Job-related benefits

- KPI-based bonus system
- Private medical care programs
- Selection of life insurance packages
- Business phone for private use
- Employee canteen with free coffee and tea
- Holiday subsidy
- Parking for employees

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