



- As a Company, we have earned a reputation of a world leader in the production of infrared detectors. We have our proprietary technology as well as the facilities necessary to implement new solutions.
- As a Team, we combine passion for scientific achievements with the pursuit for their business applications.
- As Employees, we foster a friendly atmosphere and open communication, which help us respond to the needs of even the most demanding Customers.
- If you would like to join us, we are currently looking for a person for the position of:

## PHOTONIC INTEGRATION AND $\mu$ ASSEMBLY EXPERT

### Job-related tasks

- R&D works on integration and micro-assembly technologies for the mid-infrared integrated photonic platform (MIRPIC), incl. in particular technologies of light sources-waveguiding components-detectors integration, electronic-photonic integration, and development of optical/electrical interfaces
- Contributing to assembly design kit (ADK) development
- Designing and developing technological lines for heterogeneous integration and assembly, incl. dialogue with equipment vendors, defining the requirements, and preparing technical requirements
- Developing heterogeneous integration standards
- Directly cooperating with internal and external research teams
- Mentoring junior/mid-level photonic integration and micro-assembly engineers
- Organizing and managing staff trainings
- Disseminating the knowledge (white papers, articles, conference communicates) and protecting developed intellectual property

### Required skills and/or experience

- PhD degree in mechatronics, electronics, photonics, or related fields (or equivalent by experience)
- Knowledge of heterogenous and hybrid integration technologies (incl. micro-transfer printing)
- Experience in photonic/electronic integration
- Experience in assembly processes and technologies
- Experience in using CAD software in the field
- Experience in functional, parametric, reliability, and thermal tests of integrated circuits with practical abilities in data extraction from experiments
- Active command of English
- Excellent 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

- Experience in designing integrated photonic systems' demonstrators and prototypes
- Track record in cooperation with the industry
- 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 working in multilanguage and multicultural 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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