

FORM FOR EMPLOYERS

INSTITUTION Łukasiewicz Research Network – PORT Polish Center for Technology Development

CITY Wrocław

POSITION Senior Specialist – Research Engineer in the Materials and Technological Research Laboratory

POSTED 07.05.2026

EXPIRES 20.05.2026

WEBSITE <https://port.lukasiewicz.gov.pl/kariera/oferty-pracy/>

We currently seek applicants for Senior Specialist – Research Engineer in the Materials and Technological Research Laboratory.

Requirements:

- Ph.D. in the field of engineering & technology or natural sciences (preferably electronics, materials science, physical sciences, chemical sciences);
- at least several years of experience working in a cleanroom laboratory or in the field of semiconductor or photonic technologies;
- ability to operate specialized research and technological equipment;
- knowledge of microelectronics, photonics, nanotechnology, and semiconductor physics;
- good command of English sufficient to read technical documentation, read scientific literature, write scientific publications, and communicate within the scientific community;
- scientific achievements confirmed by publications in reputable scientific journals;
- ability to work in a team and organize work independently;
- creativity and willingness to take on new challenges.

Would be an advantage:

- practical knowledge of technological processes such as lithography (optical or e-beam), plasma and wet etching, and thin film deposition (PVD, CVD, ALD);
- knowledge of vacuum techniques;
- ability to maintain and repair research and technological equipment;
- experience in working on research and development projects;
- experience in preparing project proposals.

Job description:

The Senior Specialist – Research Engineer will be responsible for managing and optimizing technological processes in the area of integrated photonics and microelectronics. The responsibilities will include participating in the development of photonic integrated circuits technology, supervising research equipment, executing research services, and supporting the team in the implementation of research projects and new technological procedures.

Daily tasks:

- active participation in the development of (photonic and electronic) integrated circuits technologies in clean room laboratory;
- execution of research services: internal and for external clients;
- independently conducting technological processes (including optical lithography, plasma etching, thin film deposition) and measurements (including ellipsometry, profilometry);
- documenting and reporting technological processes;
- supporting the laboratory team in implementing and improving technological procedures;
- ongoing supervision of the technical condition of research equipment and coordination of its maintenance;
- collaborating in the preparation of project applications;
- collaborating in the preparation of scientific publications;
- compliance with occupational health and safety regulations and cleanroom work standards.

Our offer:

- Part-time (0.5 FTE) contract of employment of position Senior Specialist.
- Co-financing for private medical care.
- Co-financing for a sports card.
- Possibility to join group life insurance.
- Co-financing under the Social Benefits Fund (for holidays and Christmas).

If you are interested, please apply via the link below:

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=3c13b8eabfc24fffb8f3dc002ee0b6f1>

We kindly inform you that the controller of your personal data is Network Institute operating under the name of Łukasiewicz Research Network – PORT Polish Center for Technology Development, Stabłowicka 147, 54-066 Wrocław, Poland. The data contained in job application will be processed for the purposes of the current recruitment process, and – if the consent is given – for the purposes of future recruitment. We kindly inform you about your right to access your data and correct it, as well as your right to withdraw your consent to data processing at any time without the impact on the compliance with the law of the processing performed on the grounds of consent given before withdrawal thereof. Providing personal information is voluntary. More information on the protection of personal data: <https://port.lukasiewicz.gov.pl/en/data-protection/>

Information about candidates applying for the above role is public information in the scope covered by the requirements specified in the recruitment announcement. Information on the result of the recruitment process, including the job position for which the recruitment was carried out, the name or names and surname of the selected candidate and his place of residence within the meaning of the provisions of the Act of 23 April 1964 – Civil Code as well as the justification of the candidate's selection or not employing any the candidate will be made public in accordance with the Act of February 21, 2019 on the Łukasiewicz Research Network.

We kindly inform you that we will contact only selected candidates.