

FORM FOR EMPLOYERS

INSTITUTION: Institute of Physics of the Polish Academy of Sciences

CITY: Warsaw

POSITION: Research assistant (asystent). Research Assistant in Experimental Physics, specializing in technology and optical measurements of semiconductor materials and structures. #JOB 32/2026

DISCIPLINE: Condensed matter physics

POSTED 20/10/2026

EXPIRES 5/11/2026

WEBSITE

https://www.ifpan.edu.pl/images/instytut/Oferty_pracy_i_konkursy/2026/2026-10-15_Asystent_032-2026_EN.pdf

KEY WORDS physics, asystent,

DESCRIPTION (field, expectations, comments):

Job Summary:

Fabrication of semiconductor oxide structures using molecular beam epitaxy and their characterization using optical methods,

Job Description:

The research will be conducted by the ON4.3 Group, led by Dr. Ewa Przeździecka, Professor at the Institute of Physics of the Polish Academy of Sciences (IF PAN). The group has access to molecular beam epitaxy technology for Group II-VI materials. In addition, it has equipment for optical measurements (photoluminescence, photoconductivity). The team collaborates extensively with other research groups both

within the Institute of Physics of the Polish Academy of Sciences (IF PAN) and outside it, including long-standing international collaborations.

Requirements:

- A Ph.D. in the physical sciences or a related fields.
- Experience in semiconductor spectroscopy, including oxide materials, documented by scientific publications.
- Experience working with cryogenic liquids.
- Experience participating in research projects is a plus.
- Experience presenting scientific results at international conferences is a plus.
- Fluency in spoken and written English.
- Ability to work in a team.
- Experience in data processing and visualization using Origin and MathCAD is welcome.

What we offer:

- A supportive, friendly, and stable work environment with opportunities for career growth, both in Poland and abroad.
- The opportunity to gain experience in semiconductor growth technologies.
- The opportunity to participate in innovative scientific research

Type of Contract: Temporary, 12 months with possibility of extension

Status: full-time employment Institute of Physics of the Polish Academy of Sciences

Salary: 4888 PLN per month gross before taxes and applicable social security contributions (approximately 24%), plus length of service bonus.

Contact

More information can be obtained from dr hab. Ewa Przeździecka (e-mail: eilczuk@ifpan.edu.pl).

Application details

Application deadline: November 5th, 2026. Later applications will not be considered.

Required materials:

- Curriculum Vitae
- Motivation letter
- List of publications
- Copy of the degree diploma
- Contact data (e-mail) to at least two scientists willing to provide reference letters.
- Consent to process your personal data (expressed on the attached form) For legal reasons we will not be able to process your application without this!

All materials should be submitted in electronic form to the address rekrutacja@ifpan.edu.pl with

Job ID in the subject. #JOB 32/2026

We encourage people with disabilities to apply. We provide friendly working conditions.

The Institute of Physics of the Polish Academy of Sciences has Rules for Internal Reports specifying the procedure for reporting violations of law and taking follow-up actions, which can be found on the Institute's

website at the link: <https://www.ifpan.edu.pl/en/institute/internal-reports-concerning-violations-of-law.html>