

FORM FOR EMPLOYERS

INSTITUTION Institute of Physics Polish Academy of Sciences

CITY: Warsaw

POSITION Postdoc position in solid-state physics # JOB 23/2026

DISCIPLINE Solid-state physics

POSTED 21/07/2026

EXPIRES 20/08/2026

WEBSITE

https://www.ifpan.edu.pl/images/instytut/Oferty_pracy_i_konkursy/2026/2026-07-20_Adiunkt_023-2026_EN.pdf

KEY WORDS Postdoc, Solid-state physics,

DESCRIPTION (field, expectations, comments):

Job summary:

The employee's responsibilities will include: conducting scientific research using a measurement system for femtosecond optical phenomena in materials for quantum technologies; reviewing scientific literature relevant to the research; presenting research results at leading conferences on materials science and spectroscopy; preparing scientific publications in high-impact journals in physics, chemistry and materials engineering; preparing and submitting grant proposals for their own research projects.

Job description and requirements:

Conducting research in the field of quantum technologies, primarily using a measurement

system for femtosecond optical phenomena, at the ON4 Division of the Institute of Physics,

Polish Academy of Sciences; carrying out the statutory research topic of the ON4.1

Research Group and research projects conducted within the ON4.1 Group. Experience in

experimental research involving the use of ultrafast pulsed lasers, nonlinear optics,

quantum optics, higher harmonic generation, optical spectroscopy, and time-resolved

optical detection using a streak camera is required. This experience should be reflected in

the candidate's scientific publications to date. In addition to experience in relevant

scientific research, the candidate's scientific achievements and professional activities to

date (research projects, training, research internships, etc.) will also be evaluated.

Main Research field: Physics

Sub Research Field: Solid-state physics

Carrier Stage: Postdoc

Research profile acc. EURAXESS (details): Recognized Researcher (R2)

Type of Contract: 12 months, with the option to extend

Status: Full-time

Salary: 7,114 PLN per month (gross) in base pay plus a seniority allowance.

Contact

More information can be obtained from Prof. dr hab. Yaroslav Zhydachevskyy

(e-mail: zhydach@ifpan.edu.pl).

Application details

Application deadline: September 20, 2026. Later applications will not be considered.

Required materials:

- Curriculum Vitae
- Motivation letter
- Confirmation of PhD degree
- List of publications
- Contact details of two experienced researchers, who agree to provide reference

letters

Institute of Physics Polish Academy of Sciences

JOB OFFER

- Consent to process your personal data