FORM FOR EMPLOYERS

INSTITUTION Institute of Physics of the Polish Academy of Sciences

CITY Warsaw

POSITION Research fellow (adiunkt) in theoretical physics. Postdoctoral researcher in the theory of topological materials using hybrid functionals. Job ID: #JOB 34/2026

DISCIPLINE Physics

POSTED 06/11/2026

EXPIRES 30/11/2026

WEBSITE
https://www.ifpan.edu.pl/images/instytut/Oferty_pracy_i_konkursy/2026/2026-11-06_Adiunkt_034-2026_EN.pdf

KEY WORDS Physics, Postdoctoral, theory

DESCRIPTION (field, expectations, comments):

Job Summary:

Developing a theoretical understanding of topological materials using hybrid functionals.

Job Description:

The research will be carried out in Division ON-6 under the supervision of Prof. Carmine Autieri. The team collaborates with research groups at the Institute of Physics of the Polish Academy of Sciences and with research institutions in Poland and abroad. The successful candidate will investigate the properties of selected classes of materials using hybrid functionals, with a particular ocus on identifying their topological character.

Requirements:

- A PhD in physics.

- Experience in condensed matter theory and quantum information theory, or related fields, demonstrated by publications.

- Experience in analytical and numerical modelling.

- Fluent spoken and written English.

- Ability to work in a team.

What we offer:

- A supportive, friendly, and stable working environment with opportunities for career development, both within Poland and internationally.

- Opportunities to exchange expertise in numerical modelling.

Sub Research Field: Condensed matter physics

Career Stage: Experienced researcher or 4-10 yrs (Post-Doc)

Type of Contract: Temporary, 24 months with possibility of extension

Status: full-time employment

Salary: Basic salary of PLN 7 114 per month gross before taxes and applicable social security contributions (approximately 24%), plus length of service allowance.

Contact

More information can be obtained from Prof. Carmine Autieri (e-mail: autieri@magtop.ifpan.edu.pl).

Application deadline: 30 November 2026. Later applications will not be considered.

Institute of Physics of the Polish Academy of Sciences

Required materials:

• Curriculum Vitae

• Motivation letter

• List of publications

• Copy of the PhD diploma

• Research plan related to the employment at IP PAS.

• 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.

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