



COMPETITION FOR ASSISTANT PROFESSOR (IN POLISH: ADIUNKT) POSITION AT THE ILTSR PAS IN THE DIVISION OF MAGNETIC RESEARCH

Institution: **Institute of Low Temperature and Structure Research, PAS**

City: **Wrocław**

Position: **assistant professor (in Polish: adiunkt)**

Discipline: **physics, chemistry or similar**

Posted: **10 January 2025**

Expires: **17 February 2025**

Date of the contest settlement: **24 February 2025**

Planned start date of employment: **3 March 2025**

Website: www.intibs.pl

Key words: **solid state physics, topological materials, goniopolar materials, thermoelectric effect, Nernst effect**

The Institute of Low Temperature and Structural Research of the Polish Academy of Sciences in Wrocław announces a competition to fill the position of assistant professor (in Polish: adiunkt) position at the ILTSR PAS in the Division of Magnetic Research contractor of the research project **NCN SONATA-19 grant no. 2023/51/D/ST3/01564 “Topological semimetals and goniopolar materials: new efficient transverse thermoelectrics”**

The contract will be concluded on a full-time basis for the period of 12 months with the possibility of extension to 24 months. The remuneration under the contract will amount to approx. 9500 PLN gross (approx. 7000 PLN net). Detailed employment conditions will be specified in the employment contract concluded between the employed person and the Director of INTiBS PAN.

Project description

Please go to the webpage: https://projekty.ncn.gov.pl/en/index.php?projekt_id=604329

Tasks description

- Investigation of electron transport properties (resistance, Hall effect, magnetoresistance)
- Investigation of thermoelectric effects
- Analysis of the obtained results
- Presentation of the results at scientific conferences

- Preparation of scientific manuscripts

Requirements

The candidate must meet the requirements specified in the regulations of the SONATA 19 project (https://www.ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2023/uchwala50_2023-zal1.pdf#page=53) and should:

- have a doctoral degree in physics, chemistry or materials science
In accordance with the requirements of the National Science Center, only a person may be admitted whose doctoral degree have been obtained no earlier than 7 years before the year of employment in the project (details are included in the above-mentioned Project Regulations);
- have expertise in solid state physics and a comprehensive understanding of the electron transport and thermoelectric properties of intermetallic compounds;
- have a very good command of the English language;
- be ready to start work from 03.03.2025 (formal steps related to residence and work permit in Poland should be taken into account);
- demonstrate self-reliance, communication skills, good work organization and the ability to solve scientific problems independently and work in a team.

Candidates with research experience in a relevant scientific area will be given preference.

List of documents required from the candidate:

A candidate entering the competition should submit:

1. A diploma or a copy of the diploma in English or Polish (if in another language, an English translation must also be attached) confirming completion of the doctoral degree. If the diploma was obtained abroad, the candidate will be required to provide a legalised or apostilled original of the diploma before starting employment at the Institute (otherwise it will not be possible to conclude an employment contract). In the case of a degree obtained abroad which is not recognised in Poland on the basis of international agreements, the candidate will apply to the Institute for its nostrification. Information on nostrification can be found at the following link: https://nawa.gov.pl/images/users/642/Nostrification-of-academic-degrees_1.pdf
2. An application for employment addressed to the Director of the Institute containing the following clause: " I agree for processing my personal data enclosed in my documents for the needs necessary of the recruitment (in accordance with art. 6 par. 1 lit. A of the General Regulation of the European Parliament and of the Council (EU) 2016/679 of 27 April 2016 on the protection of individuals with regard to the processing of personal data and the repeal of Directive 95/46 / EC and the Act of 10 May 2018 on protection of personal data (Journal of Laws 2018 item 1000)".
3. Scientific Curriculum Vitae, containing information about the scientific career (education and employment), as well as information on participation in conferences, internships, projects, awards and distinctions, skills and knowledge of foreign languages.
4. List of publications.

When signing the contract, the candidate will be required to submit an **authorization to be included** in the number of employees engaged in the scientific activity at the Institute.

Complete documents should be submitted in electronic version via the e-mail address: intibs@intibs.pl with comment „Competition post-doc SONATA-19 OBM” by **17.02.2025**

Selected candidates may be invited for an interview.

Additional information

For more information, please contact the project leader Dr. Orest Pavlosiuk (o.pavlosiuk@intibs.pl)

The competition will be conducted in accordance with the competition documentation of the National Science Center (NSC) applicable to the project.

Personal information:

Your personal data is collected and processed by the Institute of Low Temperature and Structural Research of the Polish Academy of Sciences in Wroclaw in accordance with the information on personal data processing available at <https://bip.intibs.pl/artykuly/rodo-1>