



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: physical sciences

POSTED: 14.11.2023

EXPIRES: 14.12.2023, 3PM

DATE OF THE CONTEST SETTLEMENT: **up to 5 working days** from the closing date for submission of applications (in special cases, related to the need to recognize the validity of a degree/diploma obtained abroad, the settlement period may be extended to a maximum of 2 months from the date of publication)

WEBSITE: www.intibs.pl

KEYWORDS: **condensed matter physics, low temperature physics, unconventional superconductivity, cryogenics**

DESCRIPTION:

Director of the Institute of Low Temperature and Structure Research, PAS announces a competition for the position of assistant professor (in Polish: adiunkt) in the Division of Magnetic Research.

Responsibilities for the position include:

- performing experiments at millikelvin temperatures and high magnetic fields based on existing research infrastructure
- construction of new and modernization of available research stations
- implementation of innovative technological and material solutions
- analysis and interpretation of the obtained results using existing theoretical models
- dissemination of the results in the form of publications and conference presentations
- acquisition of financial resources for research from domestic and foreign entities acting for science

Requirements:

Qualifications:

- PhD degree in physical sciences, received within the last three years from this position announcement

- publications in the area of low temperature physics obtained within the last six years from the announcement
- knowledge of English at least at the B2 level

Skills:

- knowledge of unconventional superconductivity or other issues of modern low-temperature physics documented by scientific achievements
- ability to operate and experience in working with a ^3He - ^4He dilution refrigerator
- experience in using cryogenic liquids
- advanced skill in use LaTeX and Origin software or other measurement data processing programs
- basic experience in the crystal growth using methods such as chemical vapour transport or flux technique
- knowledge of using MATLAB, Mathematica or other tools for performing scientific calculations and creating computer simulations.

List of documents required from the candidate:

1. A diploma or a copy of the diploma in English or Polish (in the case of being issued in another language, an English translation must be attached) confirming possession of a required doctoral degree (in the case of a degree obtained abroad, which is not recognized in Poland based on the international agreements, the candidate will apply to the Institute for its nostrification 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.
5. Concise information on previous scientific achievements.

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

Procedure for submitting documents:

Complete documents should be submitted in electronic version via the e-mail address: intibs@intibs.pl with the title "Application for assistant professor position" by 14.12.2023; 3PM.

Additional information:

Full-time employment.

The competition will be held according to the rules accepted in the Institute of Low Temperature and Structure Research, PAS: <https://bip.intibs.pl/attachments/download/1329>

Information about the result of the competition will be posted on the BIP INTiBS PAN website.

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/173/rodo>