



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

INSTITUTION: Institute of Low Temperature and Structure Research, PAS

CITY: Wrocław

POSITION: assistant professor (in Polish: adiunkt)

DISCIPLINE: chemical sciences

POSTED: 12.11.2025

EXPIRES: 12.12.2025 3:00 p.m.

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: X-ray diffraction, structural structure, phase transitions, organic-inorganic compounds, disordered and modulated structures

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 Structure Research.

Research task *Polymorphism and mechanisms of structural phase transitions in new functional materials.*

Responsibilities for the position include:

- Synthesis of organic–inorganic hybrid compounds based on metal halides.
- Single-crystal, powder, and thin-film X-ray diffraction measurements.
- Structural analysis using single-crystal and powder diffraction data; determination of polymorphic structures, including disordered and modulated phases.
- Investigation of phase transitions and structure-properties relations.
- Preparation of research reports, deposition of structures in crystallographic databases, writing scientific publications, and presenting research results at national and international conferences.
- Acquisition of external research funding, including preparation of research project proposals for the National Science Centre (NCN) grant competitions.
- Participation in organizing scientific conferences and science popularization events;
- Supervision of interns and doctoral students undertaking internships at Division of Structure Research.

Requirements:

- PhD degree in chemical sciences obtained within the last eight years from the date of the competition announcement.
- Experience in the synthesis of organic–inorganic perovskites.
- Experience in X-ray diffraction measurements of single crystals, powders, and thin films.
- Experience in solving crystal structures (including disordered and modulated ones) and in analyzing structural mechanisms of phase transitions.
- Experience in performing and interpreting spectroscopic measurements (Raman, IR, linear optics).
- Documented scientific achievements in the above areas, confirmed by authorship or co-authorship of publications in peer-reviewed international journals.
- Familiarity with scientific software: ShelX, CrysAlisPro, Olex², Diamond, Vesta, PLATON, Mercury, HighScore, Origin.
- Experience in leading a research project will be an asset.
- Fluent command of English.
- Ability to work in a team and good communication skills.
- Readiness to start work on January 1, 2026 (taking into account formal procedures related to residence and work permit in Poland).

List of documents required from the candidate:

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/uznawalnosc/informacje-dla-uczeln/nowostrifikacja-stopni-naukowych>
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, as well as to provide declarations that the publications arising are part of the scientific output of 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 **12.12.2025, 3:00 p.m.**

Additional information:

Full-time employment for a period of one year with the possibility of extension for another year.

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

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/rodo-1>