

## FORM FOR EMPLOYERS

**INSTITUTION:** AGH University of Krakow

**DEPARTMENT:** Faculty of Physics and Applied Computer Science

**CITY:** Krakow

**POSITION:** ASSISTANT PROFESSOR in a group of RESEARCH STAFF (POST-DOC)

**DISCIPLINE:** physical sciences

**POSTED:** 24.07.2025

**EXPIRES:** 30.09.2025

**WEBSITE** <https://www.agh.edu.pl/o-agh/praca-w-agh>

**KEY WORDS:** Assistant Professor (Post-doc), experimental condensed matter physics

**DESCRIPTION** (field, expectations, comments, requirements):

We invite applications for a postdoctoral position in experimental condensed matter physics to be employed as an assistant professor in a group of research staff in the Department of Solid State Physics, Faculty of Physics and Applied Computer Science at AGH University of Krakow, under the Excellence Initiative – Research University (IDUB) Programme. You will join the Superconducting and Magnetic Materials Group, an interdisciplinary team focusing on the investigation of strongly correlated electron systems, including high-temperature superconductors, transition metal oxides, and materials exhibiting metal–insulator transitions, under controlled uniaxial strain and magnetic fields. We seek excellent candidates with a background in experimental condensed matter physics, particularly in the study of strongly correlated quantum materials using electronic transport and synchrotron radiation. The successful candidate will play a leading role in the development and execution of advanced transport, spectroscopic, and diffraction experiments, including research under uniaxial strain, preparation and characterization of single-crystal samples, and synchrotron-based investigations of electronic and structural properties. The position lasts up to 12 months and offers a highly competitive salary. For formal reasons, the offer is addressed to individuals who hold citizenship of a country other than Poland and who obtained their doctoral degree no more than 7 years before the date of the announcement of the competition for the position.

12-month contract starts on the 1<sup>st</sup> December 2025.

### REQUIREMENTS:

- 1) PhD at least in physics, chemistry, or materials science,
- 2) demonstrating scientific and organizational achievements and active participation in conferences and symposia,
- 3) experience in working single-crystal samples of magnetic and/or superconducting materials, including under applied uniaxial pressure,
- 4) experience in research using synchrotron radiation is an additional asset,
- 5) a record of scientific publications in the field of systems exhibiting strong electronic correlations,
- 6) knowledge of English at least at B-2 level.

### To be considered a candidate you must meet the following requirements set out in the Act:

- 1) you hold the qualifications defined in the Act,
- 2) you have full capacity for juridical acts,
- 3) you have not been convicted for an intentional offence,
- 4) you enjoy full public rights.

### DOCUMENTS REQUIRED:

- 1) application, CV, cover letter, personal questionnaire,
- 2) two letters of recommendation,
- 3) a document confirming knowledge of English at the least at the level B-2 (not required for candidates for whom English is the first language),
- 4) copy of diplomas or other certificates confirming qualifications,
- 5) list of scientific and organizational achievements.

### DOCUMENTS MUST BE SUBMITTED:

Complete documentation must be sent to the following email address: [sekretariat@fis.agh.edu.pl](mailto:sekretariat@fis.agh.edu.pl) or sent to the address: Faculty of Physics And Applied Computer Science AGH, Poland, 30-059 Kraków, ul. Reymonta 19, building D-10, III floor, room 327 **till 30.09.2025.**

The AGH University will be the candidate's main place of employment.

*The AGH University of Krakow does not require you to provide any information or data other than those resulting from the applicable law (name/names, surname, date of birth, contact details, education, professional qualifications, and employment history). However, if you choose to include your photograph or any other information, please fill in and attach this statement of consent to the processing of personal data, which constitutes an attachment to this information.*

*The controller of your personal data processed in order to carry out the recruitment process for the above-mentioned position is the AGH University of Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read all information concerning the processing of your personal data on the website of the AGH University of Krakow after going to the "Personal data protection" tab (<https://www.agh.edu.pl/en/personal-data-protection>).*

*The University reserves the right not to settle the competition without providing any reason or justification. Winning the competition is not tantamount to ensuring the candidate's employment. The result of the competition serves solely as a recommendation to the Rector in this regard. The final decision concerning the employment will be made by the Rector.*

Cracow, on .....

.....  
*name and surname*

**CONSENT TO PERSONAL DATA PROCESSING**  
(recruitment - employee)

Pursuant to Article 6(1)(a) of the Regulation (EU) 2016/679 of the European Parliament and of the Council of April 27, 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation), [OJ EU. L. 2016.119.1, May 4, 2016] hereinafter referred to as "GDPR", **I consent to the processing of my personal data other** than the data mentioned in Article 22<sup>1</sup> § 1 of the Labour Code and contained in my CV and other application documents, and to the reproduction of my physical likeness **for the purposes of recruitment and selection for the position of** ..... (contest notice no. ....).

In addition, I declare that the request for consent has been presented in a clear and understandable manner and that I have been informed about a possibility of withdrawing my consent at any time as well as about consent accountability. The withdrawal of consent to have personal data processed shall not affect the legality of the processing, which is carried out on the basis of such consent prior to its withdrawal; The consent may be withdrawn by submitting a written representation on consent withdrawal at a place that was indicated in the contest notice as the place for submitting documents.

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Date and signature