

FORM FOR EMPLOYERS

INSTITUTION: AGH University of Krakow

DEPARTMENT: Academic Centre for Materials and Nanotechnology

CITY: Krakow

POSITION: assistant professor in a group of research workers

DISCIPLINE: physical sciences

POSTED: 16.06.2025

EXPIRES: 20.06.2025

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

KEY WORDS:

DESCRIPTION (field, expectations, comments, requirements): Competition within the Sonata Bis 11 project entitled: "Unconventional superconductivity, topology, and strong electronic correlations in moiré superlattice systems" (2021/42/E/ST3/00128).

REQUIREMENTS:

- 1) PhD in physics obtained not earlier than 01.01.2018,
- 2) scientific achievements documented by publications from the JCR list,
- 3) experience in carrying out numerical calculations for scientific research in the field of solid state physics. Expertise in at least one calculation method which allows to take into account electron-electron interactions in crystalline solid states,
- 4) experience in theory and modeling of quasi two-dimensional systems, moiré superlattice systems (e.g. twisted graphene layers or twisted transition metal dichalcogenide layers), and superconducting systems,
- 5) proficiency in English language at the level of at least B2 or equivalent,
- 6) active participation in conferences and symposia,
- 7) creative approach to problem solving, ability to work in international teams, diligence and communicativeness,
- 8) experience in computer programming (preferred c or c++ programming language).

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) job application, cv, personal questionnaire,
- 2) English language proficiency certificate (B2 level),
- 3) copies of diplomas and other certificates,
- 4) list of scientific achievements (list of publications: books, articles, papers published in conference materials, etc., list of research and practical studies, list of conferences, patents, etc.),
- 5) at least one letter of recommendation.

DOCUMENTS MUST BE SUBMITTED:

Complete documentation must be sent to the following email address: michal.zegrodnik@agh.edu.pl or sent to the address: Academic Centre for Materials and Nanotechnology, Kawory 30 St., 30-055 Krakow, pavilion D-16.

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

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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 22¹ § 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