

## 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 AND TEACHING STAFF

**DISCIPLINE:** Physical sciences

**POSTED:** 17.03.2025

**EXPIRES:** 29.04.2025

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

**KEY WORDS:** Assistant Professor, Physical sciences

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

We invite applications for the position of assistant professor among the research and teaching staff at the Department of Condensed Matter Physics, Faculty of Physics and Applied Computer Science at AGH University of Krakow. The candidate will be involved in research focusing on the use of low-dimensional structures (quantum dots, quantum wells) for the development of systems (micro- and nanodevices) capable of processing and storing information based on interactions with light. The candidate is also expected to contribute to the design and characterisation of metamaterials for use as chemical sensors and in systems implementing other functionalities (e.g., modifying the state of polarization, metalenses, etc.). Due to the interdisciplinary nature of the planned research, the candidate should demonstrate proficiency in a wide range of experimental techniques (including materials synthesis, micro- and nanofabrication, and the characterisation of materials and devices) as well as a good grasp of the theoretical aspects relevant to the research. The ability to collaborate effectively in an interdisciplinary, international team is expected. The successful candidate will also be responsible for teaching courses in physics and specialised courses in physical chemistry or materials nanoengineering.

Full time contract starts in October 2025.

### REQUIREMENTS:

- 1) at least a doctoral degree in Physical sciences,
- 2) a scientific track record in solid-state physics, physical chemistry, and photonics,
- 3) experience with spectroscopic and imaging techniques (AFM, SEM),
- 4) experience utilizing large research infrastructure (synchrotrons, FEL sources),
- 5) basic knowledge of programming languages (C++, Python),
- 6) active participation in scientific conferences and symposia,
- 7) Organizational experience,
- 8) willingness to teach courses in physics and nanoengineering in both Polish and English,
- 9) experience in conducting teaching activities,
- 10) Knowledge of English (B2 level at least),
- 11) Proven knowledge of the Polish language at the C1 level, if it is not the mother tongue.

### 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 and CV with a personal questionnaire,
- 2) Copies of diplomas or other certificates of the degrees and other qualifications,
- 3) Description of scientific achievements (list of publications, books, articles, conference papers, research and applied reports/studies, patents) and organizational achievements (list of current and past positions/functions at the university and beyond),
- 4) Description of teaching experience,
- 5) Supervisor's opinion or references from a previous workplace or periodic evaluation,
- 6) B2 level at least English certificate (not required for candidates for whom English is the first language),
- 7) proven knowledge of the Polish language at the C1 level, if it is not the mother tongue.

**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 29.04.2025**.

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.*

*Following the selection process, the candidate who qualified for employment is obliged to provide a certificate from the National Criminal Register (the criminal record certificate should be up-to-date, i.e. issued no sooner than 1 month before its submission at the AGH University) and shall be subject to the verification process in the Sex Offender Register - the Restricted Access Register.*

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 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