

## FORM FOR EMPLOYERS

**INSTITUTION:** AGH University of Krakow

**DEPARTMENT:** Faculty of Non-Ferrous Metals

**CITY:** Cracow

**POSITION:** research assistant in a group of research employee

**DISCIPLINE:** Material engineering

**POSTED:** 10.11.2025

**EXPIRES:** 12.11.2025

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

**KEY WORDS:** materials engineering, non-ferrous metals, zinc alloys, metallurgy

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

In connection with the announcement of the competition, the Department of Materials Science and Non-Ferrous Metals Engineering is seeking a candidate for the position of **research assistant**. The responsibilities of the successful applicant will include conducting research on the casting process of non-ferrous metals using ultrasonic vibrations, with particular emphasis on zinc alloys, as well as investigating their electrical, mechanical, and physical properties. Knowledge of scanning electron microscopy techniques is also required, as they will be applied in the analysis of materials. In addition, the employee will be involved in the implementation of research projects, including collaboration with international research teams.

1. Master of Science in Engineering degree; candidates who have initiated proceedings to obtain a doctoral degree in the discipline of materials engineering will be preferred (in particular, those whose doctoral research involves issues related to ultrasonic casting, especially with regard to zinc alloys), who demonstrate aptitude for scientific research and teaching, and preferably hold teaching qualifications.
2. Documented record of scientific achievements (in the form of publications, patents, and patent applications) in the field of non-ferrous metals and their alloys.
3. Documented participation in research projects as well as application-oriented accomplishments in the area of non-ferrous metals materials engineering.
4. Documented utilitarian scientific achievements (authorship or co-authorship of patents and/or industrial designs).
5. Proven research experience in crystallization processes of non-ferrous metals assisted by ultrasonic vibrations.
6. Proficiency in the operation of laboratory equipment for testing the electrical, mechanical, and physical properties of non-ferrous metals and their alloys; working knowledge of scanning electron microscopy techniques.
7. Active participation in scientific and technical conferences.
8. Readiness to collaborate with international research teams and to undertake short-term research visits abroad.
9. Documented knowledge of English at a minimum B2 level, and preferably German at a minimum B1 level, as well as fluent knowledge of Polish.

**A candidate may be a person who meets the following requirements specified in the Act on Higher Education:**

- 1) has the qualifications specified in the Act,
- 2) has full legal capacity,
- 3) has not been punished by a final court judgement for an intentional crime,
- 4) enjoys full public rights.

**We anticipate full-time employment, for an indefinite period after the trial period.**

**AGH is to be the Candidate's primary place of work.**

**We offer: (a) work in a unit with a high scientific position, (b) work in a young and dynamic team, (c) easy access to world-class equipment, (d) attractive remuneration, possibility of obtaining motivational and other benefits, etc.**

### REQUIRED DOCUMENTS:

1. application, CV, personal questionnaire,
2. document confirming knowledge of the language at least at B-2 level,
3. copies of diplomas and other certificates confirming qualifications and employment
4. list of scientific achievements (list of publications: books, articles, papers published in conference materials) and grants and research works.

### DOCUMENTS MUST BE SUBMITTED:

Documents should be submitted in electronic form to the address: [mksiazek@agh.edu.pl](mailto:mksiazek@agh.edu.pl) or in paper form at the Dean's Office of the Faculty of Non-Ferrous Metals, AGH University of Science and Technology (30-059 Kraków, al. Mickiewicza 30, building A-2, 2nd floor, room 226). The AGH University will be the candidate's main place of employment.

**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.*

*The AGH University of Krakow [has a procedure for reporting legal violations and taking follow-up action](#).*

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