

FORM FOR EMPLOYERS

INSTITUTION: AGH University of Krakow

DEPARTMENT: Faculty of Mechanical Engineering and Robotics

CITY: Krakow

POSITION: professor in a group of research staff workers

DISCIPLINE: mechanical engineering

POSTED: 17.07.2025

EXPIRES: 29.08.2025

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

KEY WORDS: mechanics, modeling of discrete media, computational methods

DESCRIPTION (field, expectations, comments, requirements):

The candidate should be able to work in a team, be involved in research, and have scientific inquisitiveness.

They should be reliable in conducting scientific research, adhere to scientific ethics principles, and maintain good research practices.

In addition, they should be willing to improve their scientific competence, have the ability to disseminate the results of research work and participate in the scientific life of the academic community.

REQUIREMENTS:

- 1) academic title of professor in the discipline of Mechanical Engineering,
- 2) outstanding scientific and professional achievements (scientific achievements documented by publications on the JCR list, role as a principal investigator in grants funded by domestic and foreign institutions),
- 3) documented experience in:
 - a. developing methods for the analysis and modeling of discrete media (including crystal lattices) taking into account quantum mechanics,
 - b. developing nonlocal and meshless methods within computational methods in Mechanics,
 - c. introducing artificial neural networks to solve problems in Mechanics (machine learning in Mechanics),
 - d. computational methods for very large-scale atomic structures,
 - e. building constitutive models of soft and hard tissues for biomechanical models,
 - f. developing modern methods and algorithms for the optimization of materials, structures, and systems,
- 4) ability to manage research teams, experience working in international teams, and experience working at foreign research institutions,
- 5) achievements in training research staff,
- 6) fluency in written and spoken English (at least C1 level or equivalent).

A person may become a candidate if they meet the following requirements set forth in the Law on Higher Education:

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

DOCUMENTS REQUIRED:

- 1) application, CV, personal questionnaire,
- 2) copies of documents certifying education,
- 3) proof of English language proficiency at level C1 or higher,
- 4) list of scientific achievements (list of publications: books, articles, papers published in conference proceedings),
- 5) awarded national and international grants, list of research and practical applications, patents,
- 6) list of completed research and development projects.

DOCUMENTS MUST BE SUBMITTED:

Complete documentation must be sent to the following email address: dulinska@agh.edu.pl and sent to the address: AGH University of Krakow, WIMiR, KAP, 30-059 Kraków, al. Mickiewicza 30 (paw. B-2, p. I, p. 108/3)

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