

## FORM FOR EMPLOYERS

INSTITUTION: AGH – University of Science and Technology

DEPARTMENT: Department of Robotics and Mechatronics

CITY: Krakow, Poland

POSITION: Post-doc (assistant professor)

DISCIPLINE: mechanical engineering

EXPIRES: November 30th 2022

WEBSITE: <https://dynamo-project.eu>

KEY WORDS: metamaterials, multiple scattering, wave dynamics, numerical modelling

DESCRIPTION (field, expectations, comments, requirements):

The researcher will be involved in the development of capabilities of metamaterials and metagratings. In particular, his/her focus will be on designing and analyzing operational principles of wave-based devices and the related phenomena, and numerical and physical models' development and validation. Design and analysis methods will rely on partial waves approaches and multiple scattering techniques. Therefore, initial experience and knowledge of solution methods for multiple scattering systems will be acknowledged.

The position offers a unique opportunity to take part in the complete design process of metamaterials – from theory, numerical analysis, manufacturing and validation by contact and noncontact (laser) methods.

The selected candidate will be a member of the AGH team working in the DYNAMO project funded by the EU (see <https://dynamo-project.eu>).

QUALIFICATIONS: a doctoral degree in a relevant area (mechanical engineering, preferably wave dynamics or related fields), obtained within the last three years prior to the application deadline. To apply we encourage candidates with ambition and passion for research, possibly significant scientific and organizational record, including publications in leading international conferences and journals and involvement in national and international projects, active participation in conferences, seminars and symposia.

We are particularly interested in candidates with several complementary skills, specifically good communication skills, enthusiasm, communicative English (both written and spoken), open for team work and collaboration. Other acknowledged skills and qualifications are eagerness to learn and improve skills, mechanical engineering background (theory of elasticity, strength of materials), including at least fundamental knowledge in mechanics, preferable scope of his/her PhD related to wave dynamics.

DOCUMENTS REQUIRED

**Cover letter, CV and the list of scientific and organizational achievements.**

DOCUMENTS MUST BE SUBMITTED AT:

Please submit documents in electronic form – to Pawel Packo, DSc, PhD ([pawel.packo@agh.edu.pl](mailto:pawel.packo@agh.edu.pl)) by November 30th 2022, 23:59

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

*The AGH University of Science and Technology 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 Stanisław Staszic AGH University of Science and Technology in Krakow, al. A. Mickiewicza 30, 30-059 Krakow. You can read the full information concerning the processing of your personal data on the AGH University of Science and Technology's website after going to the "Protection of personal data" tab at ([www.agh.edu.pl/RODO](http://www.agh.edu.pl/RODO)).*

*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, date.....

.....  
*name and last name*

.....  
*address*

### **CONSENT TO PERSONAL DATA PROCESSING**

(recruitment - employee)

By virtue of Article 7 of the Regulation of the European Parliament and Council (EU) 2016/679 of 27 April 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, hereinafter referred to as "GDPR", I hereby give my 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 assistant professor.

Additionally, I hereby represent that the request for consent has been presented in an explicit and clear form and that I have been informed about a possibility of withdrawing my consent at any time as well as about consent accountability. I have also been informed about the fact that the data are collected by **AGH University of Science and Technology, al. A. Mickiewicza 30, 30-059 Krakow**, the purpose of their collection, freedom of their disclosure, and the right to access and rectify the data.

.....  
*Date and signature of the candidate*