

## FORM FOR EMPLOYERS

INSTITUTION: AGH University of Science and Technology

DEPARTMENT: Academic Centre for Materials and Nanotechnology

CITY: Kraków

POSITION: adjunct in a group of research workers

DISCIPLINE: physical or chemical sciences

EXPIRES: 15.10.2022

DESCRIPTION (field, expectations, comments, requirements):

### Expectations:

- PhD in physical or chemical sciences,
- confirmed knowledge of English of at least B2 level or equivalent,
- experience in conducting research on nanoelectronic elements for neuromorphic applications,
- experience in the fabrication of electronic thin-film elements and in the study of the electrical characteristics of adaptive elements, including artificial synapses,
- practical knowledge of techniques for producing thin layers: magnetron sputtering, thermosublimation, pulsed PVD with a laser beam, hydrothermal synthesis, spin-coating,
- practical knowledge of experimental techniques for the characterization of thin films (atomic force microscopy, X-ray absorption spectroscopy, XRD, profilometry, electron spectroscopy),
- ability to perform DFT and ab initio calculations, including phonon dispersion calculations,
- modeling of neuromorphic systems in NeuroSim packages or similar, programming skills in Python,
- creative approach to problem solving, the ability to work in international teams, diligence and communication.

The candidate must fulfil the following requirements defined in the Polish Law on Higher Education:

- possesses qualifications defined in the Law,
- has full legal capacity,
- has not been punished by final court judgement for intentional offence,
- enjoys full public rights.

### DOCUMENTS REQUIRED

1. application, CV, personal questionnaire,
2. a cover letter,
3. a document confirming the knowledge of the language at a level of at least B-2,
4. copies of diplomas and other certificates confirming the qualifications held,
5. a short description of the conducted research,
6. list of scientific achievements.

### DOCUMENTS MUST BE SUBMITTED AT:

Academic Centre for Materials and Nanotechnology, Kawory 30 St., 30-055 Kraków or [szacilow@agh.edu.pl](mailto:szacilow@agh.edu.pl)

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 .....

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.

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*Date and signature of the candidate*