UNIWERSYTET ŚLĄSKI
W KATOWICACH

# Assistant Professor (post-doc) in the group of research staff 3/2023/NA/WNST/IFiz/p-d

Location: Chorzów
Reference Number:: 3/2023/NA/WNST/IFiz/p-d

**RECTOR OF THE UNIVERSITY OF SILESIA IN KATOWICE**

announces the open call for the position of **Assistant Professor (post-doc) in the group of research staff** in the research project led by Magdalena Tarnacka PhD, DSc, entitled.:

*Correlation between the finite size and Surface effects and their effect on the molecular dynamics of materials under two-dimentionless confinement. Deos the size of confenement really matter?*

**Place of work: Faculty of Science and Technology, August Chełkowski Institute of Physics**

Job location: ul. 75 Pułku Piechoty 1, 41-500 Chorzów

**Number of available positions: 1**

**Key words: physical sciences, chemical sciences, Broadband Dielectric Spectroscopy, Differential Scanning Calorimetry, molecular dynamics, glass transition temperature, polymeric systems**

Applications to the open call may be submitted by those who meet the conditions specified in Section 113 of the Act – Law on Higher Education and Science of 20 July 2018 (i.e., Journal of Law 2022 item 574).

---

## KEY RESPONSIBILITIES:

Conducting scientific research as a part of the OPUS 17 project led by Magdalena Tarnacka, PhD, DSc including primarily:

- preparation of the non-porous materials with different functionalities. Focus on various aspects of aging processes and density equilibration of confined liquids and polymers at 2D confinement,
- measurements of the molecular dynamics as well as the basic thermodynamic properties of various polymers characterized by different molecular weight within the porous materials,
- experiments of aging and annealing of the high-molecular glass-formers, infiltrated in the porous membranes made of different materials (e.g. alumina, silica) by dielectric spectroscopy.

---

## QUALIFICATION REQUIREMENTS:

- minimum PhD in the discipline of physical sciences or in the related disciplines (chemical sciences, materials science),
- experience in the scope of conducting research in the discipline of physical sciences or in the related disciplines (chemical sciences, materials science),
- scientific achievements in the scope of molecular dynamics of the polymer materials in the discipline of physical sciences or in a related discipline indexed Scopus or Web of Science,
- experience in laboratory work,
- ability to operate the equipment including gel chromatography, differential scanning calorimetry, and the wideband delectric spectroscopy confirmed by publications,
- active participation in the scientific life – mainly by holding presentations at the scientific conferences, also international conferences,
- participation in realization of research projects,
- international scientific activity (e.g. internships, research visits, joint publications).

## ADDITIONAL REQUIREMENTS:

- software operation skills, e.g. OriginLab, MS Office,
- experience or readiness to work in a research team,
- readiness to share the knowledge and experience with others,
- self-reliance, good work organization skills,
- proactive attitude and initiative.

---

## TERMS OF EMPLOYMENT:

- full time employment under the fixed period employment contract from the 1$^{st}$ of April 2023 till the 26$^{th}$ of February 2024,
- employment at the University as a primary place of work,
- base remuneration in the amount of 10 000 PLN gross per month (including all employer's costs),
- additional remuneration components in accordance with the Remuneration regulations of the University of Silesia,
- pro-quality bonus for special achievements according to regulations in force,
- task-based working time,
- opportunity for further professional development,
- social benefits package,
- group life insurance for the University employees, their spouses/life partners and adult children,
- private medical care as part of additional health insurance for employees of the University and their spouses/life partners and children,
- ability to join the Occupational Pension Scheme and the group pension insurance POGODNA JESIEŃ.

## REQUIRED DOCUMENTS:

- academic curriculum vitae (CV) with a motivation letter,
- copies of documents confirming qualifications (including the Ph.D. diploma or certificate granting the Ph.D. degree, and M.A. diploma or equivalent degree diploma),
- list of publications,
- other documentation that confirms candidate's achievements in the scientific work.

## SCHEDULE OF THE CALL:

- application submission deadline: **8$^{th}$ of March 2023** (11:59 p.m. CET)
- the selection process will be concluded by the: **8$^{th}$ of May 2023**

## APPLICATIONS:

Submitting an application in response to this Call means accepting the GDPR information clause available in the Application form.

The required documents shall be submitted electronically using the application form, available by clicking "Apply".

**Applications received after the deadline, incomplete applications and applications submitted in any other way than defined in the open call announcement shall not be considered.** The University reserves the right to leave the call unresolved.

Apply

## IMPORTANT INFORMATION:

The Selection Committee decides about the resolution of the open call or leaving the open call with no result. The final, binding decision on employment of the selected candidate belongs to the Rector.

The conditions necessary for the recruitment of the candidate selected in the selection proceedings are the fulfilment of the obligations arising from Section 265(4), (5), (13) of the Act – Law on Higher Education and Science of 20 July 2018 (i.e., Journal of Law 2022 item 574).

In the case of applying for employment at the University of Silesia in Katowice as the primary place of work, candidates employed in other higher education institutions as their primary place of work, should, as of the day of their employment, fulfil the requirement defined in Section 120 of the Act – Law on Higher Education and Science of 20 July 2018 (Journal of Law of 2022 item 574), according to which an academic may have **only one** primary place of work at a time.

In the case of candidates whose diplomas on the award of a professional title/scientific degree/scientific title require authentication according to the law in force in the Republic of Poland, employment is possible only after completing the procedure of authentication of the diploma (nostrification).

Additionally we want to inform that the candidate must fulfil the following conditions:

1. During the last two years before employment in the project the candidate has not been employed in the institution where the project is realized on the basis of employment contract.
2. The candidate cannot be a person for whom the project manager/coordinator was a dissertation advisor or auxiliary dissertation advisor in their PhD course, (employment of one person who does not fulfil this criterion is admissible),
3. During the period when the candidate receives the remuneration for their full-time work in the project, they shall receive neither remuneration from the funds assigned as a part of direct costs in research projects financed by the NCN programmes.
4. During the period when the candidate receives the remuneration for their full-time work in the project, they will not receive remuneration arising from the employment contract concluded with other employer, that has its residence in Poland or abroad.

**GDPR information clause for the candidates**

**1. Personal data controller**

The University of Silesia in Katowice is the controller of your personal data. You can contact the controller in the following manner:

1. by post to: Bankowa 12, 40-007 Katowice
2. by e-mail: administrator.danych@us.edu.pl

**2. Data protection supervisor**

You may contact the Data Protection Supervisor in all matters concerning the processing of your personal data and the exercise of your rights relating to the processing of data as follows:

1. by post to: Bankowa 12, 40-007 Katowice
2. by e-mail: iod@us.edu.pl

**3. Purposes of the processing and legal basis of the processing**

We will process your personal data to:

1. assess your qualifications, abilities and skills required for the position you are applying for,
2. select the right person to work with us.

The legal basis for the processing of your personal data is Article 6(1)(a), (c), (e) and (f) and Article 9(2)(a) of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals 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):

1. Your consent to the processing of personal data provided in your CV and the cover letter, if you provide us with data other than your: first names and surname; date of birth; contact details; educational background; professional qualifications; your employment history to date,
2. Your consent to the processing of your personal data in order to use it in the next recruitment processes conducted by the University of Silesia in Katowice for the next 12 months.

Your personal data which cannot be processed pursuant to legal provision will be processed when the candidate expresses his/her voluntary consent thereto.

3. Your explicit consent to the processing of special categories of personal data i.e. sensitive data, as referred to in Article 9(1) of GDPR (inter alia health data), provided on the applicant's own initiative;
4. fulfilling the legal obligation resting upon the controller, resulting from Article 22$^1$ paragraphs 1 and 2 of the Labour Code, with regard to the personal data which the employer requires from the candidate, i.e. first and last names; date of birth; contact details; and in case it is necessary to perform a specific type of work or on a specific position, it also requests information on education; professional qualifications; history of previous employment. The processing of your personal data for purposes and within the scope exceeding the aforementioned personal data requires your voluntary consent (Article 221a of the Labour Code).

The provision of personal data is a statutory requirement, necessary for participation in the recruitment process. If you do not provide the data, it will not be possible to accomplish the aforementioned purpose.

5. *to comply with the legal obligation resting upon the controller, resulting, in particular, from the Act on Higher Education and Science, and implementing provisions issued on the basis thereof. Processing of your personal data for the purposes of and within the scope exceeding the personal data necessary for the purposes of the competition procedure requires your voluntary consent.

The provision of personal data is a statutory requirement, necessary for the purposes of the competition procedure. If you do not provide the data, it will not be possible to accomplish the aforementioned purpose.

6. fulfilling the task executed in the public interest, resulting in particular from Article 11(1) of the Law on Higher Education and Science;
7. our legitimate interest as regards the data collected during the recruitment process in order to verify your skills and ability to work on the position you apply for.

The Act on Higher Education and Science, on the one hand, imposes public tasks on higher education institutions which they must carry out (Article 11(1)), and, on the other hand, guarantees them autonomy in all areas of their operation on conditions laid down in the Act (Article 9(2)), which allows higher education institutions to define their own detailed objectives and forms of activity within the framework of the status defined by law. A higher education institution as an academic community composed of staff, students and PhD students, exercising the tasks set forth in the Act, enjoys the autonomy granted and is guided by the European academic tradition. .

**4. Period of storage of personal data**

Your personal data collected in the current recruitment process will be stored until the end of the recruitment process. In case of expressing additional consent to the use of personal data for the purposes of future recruitments, they will be processed for a period of 9 months, but no longer than until the withdrawal of your consent.

**5. Data recipients**

Your personal data will not be transferred to any third parties.

**6. Rights relating to the processing of personal data**

You have the following rights in relation to the processing of personal data:

1. the right to withdraw your consent to data processing, see below;
2. the right of access to your personal data;
3. the right to demand the rectification of your personal data which are incorrect and supplementing incomplete personal data;
4. the right to have your personal data removed, in particular if you withdraw your consent to the processing, when there is no other legal basis for the processing;
5. the right to demand a restriction of the processing of your personal data;
6. the right to object to the processing of your data, due to your specific situation, in cases where we process your data on the basis of our legitimate interest, including for direct marketing purposes, or for the fulfilment of a public task. NOTE: in the case of processing data for direct marketing purposes, objections may be raised at any time regardless of the specific situation,
7. the right to transfer your personal data, i.e. the right to receive your personal data from us, in a structured, machine-readable, commonly used IT format. You may send the data to another data controller or request that we send your data to another controller. However, we will only do so if such a transfer is technically feasible.
8. You only have the right to transfer your personal data if we process the data in an automated way, i.e. in electronic form, on the basis of a contract with you or on the basis of your consent;
9. the right not to be subject only to automated decision making, including profiling
10. the right to lodge a complaint with the data protection supervisory authority, i.e. the President of the Office for Personal Data Protection,

**The right to withdraw consent**

To the extent that your data are processed on the basis of your consent, you have the right to withdraw your consent to data processing at any time. The withdrawal of consent does not affect the lawfulness of the processing that was carried out on the basis of your consent before it was withdrawn. You may withdraw your consent by sending a statement of withdrawal to our postal address or e-mail address: iod@us.edu.pl.

* concerns only the candidates applying for academic positions