

ANNOUNCEMENT - PHD STUDENT AT THE DOCTORAL SCHOOL

Position: PhD student – scholarship holder in the discipline of chemical/physical sciences

Department/University: Science and Technical Department/ University of Silesia in Katowice

Doctoral student education unit: Doctoral School at the University of Silesia in Katowice

PhD student will be responsible for the studying molecular dynamics of the bulk low and high molecular weight systems and samples incorporated into mesoporous templates at ambient and high pressure with the use of Broadband Dielectric Spectroscopy (BDS). He/She will focus on the thorough description of the molecular dynamics in the vicinity of the glass transition as well as non-equilibrium phenomena occurring in the nanochannels characterized by varying curvature, functionality and roughness.

Research will be performed within OPUS 24 project supported by NCN: „Studying molecular dynamics and specific interactions in soft materials infiltrated into nanostructured mesoporous templates”, OPUS 2022/47/B/ST4/00236 managed by prof. dr hab. Kamil Kamiński

Scholarship duration: **48 months (4 years)**

Salary (scholarship): 4 500 PLN/ month

Requirements

1. Master's degree in Physics, Chemistry, Material Science or related disciplines
2. Basic knowledge about various kind of spectroscopy and data analysis
3. Good experimental skills
4. English allowing to write scientific publications

Required documents:

1. CV
2. Cover letter
3. Short description of the scientific activity
4. Copy of Master degree diploma

Candidates should additionally register in the IRK system and select the field of study "Doctoral School - recruitment for a scholarship place financially supported from a grant" (<https://irk.us.edu.pl/>).





Documents should be submitted by July 15, 2023, 12:00 pm to the e-mail address: kamil.kaminski@us.edu.pl If you have any questions, please contact the project leader at the above e-mail address before formally submitting your application.

The documentation submitted by the candidates will be assessed by a committee chaired by the project leader. Recruitment will be carried out in accordance with the relevant NCN regulations. Recruitment can take place in Polish or English. The interview will take place on July 17 at the Doctoral School of the University of Silesia (or on-line. The committee's decision will be communicated to the candidates by e-mail. The announcement of the recruitment results will be sent up to one week after the interview.

