

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 measurements with the use of Raman, FTIR spectroscopy, Atomic Force Microscopy of the selected bulk systems and samples infiltrated into mesoporous templates characterized by varying pore diameter, functionality and roughness. He/She will focus on the specific interactions between host and guest molecules, conformational, topological analysis of the confined liquids as well as evaluation of the wettability on the flat and curved surfaces.

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 Raman FTIR spectroscopy
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.

