
Scholarship Offer in the frame of SONATA BIS project

Organisation: West Pomeranian University of Technology in Szczecin, Faculty of Chemical Technology and Engineering, Department of Nanomaterials Physicochemistry

Position: Scholarship holder/PhD student

We are looking for a highly motivated candidate who would like to work in the frame of SONATA BIS project “Study on Three Dimensional (3D) Graphene/Carbon Nanotubes Nanocomposites from waste polymers, magnesium oxide and metal oxides, and their electrochemical performance in energy storage”, under supervision of dr hab. Xuecheng Chen, prof. ZUT.

Conditions of employment: Scholarship for 8 months, 3000 PLN/month, under the conditions written in the NCN regulations for SONATA BIS 5.

Research tasks:

- Synthesis of graphene oxide
- Preparation of metal oxide supported on graphene oxide
- Fabrication of polymer/MgO/graphene oxide-metal oxide nanocomposites
- Synthesis of graphene/carbon nanotubes 3D carbon materials
- Performance of the experimental work according to the research plan
- Analysis of the experimental data
- Contribution to writing the scientific papers

Requirements:

- Master degree in Chemistry, Chemical Engineering, Nanotechnology, Physics, Material Science or related fields
- PhD student (incl. Doctoral Schools) status at the start of the engagement
- Experience in the lab work
- Ability to work in a team
- Excellent written and spoken English skills
- Prior experience with high-tech research equipment used in the project (TGA, SEM, TEM, AFM, RAMAN) will be a strong asset

Application Deadline: 03.09.2021, 15:00

Application procedure and contact:

Candidates should send their CV and letter of motivation to: nanotech@zut.edu.pl or deliver them personally to the Department of Nanomaterials Physicochemistry, Piastow Ave. 45, room no. 1/32. The CV should contain information about prior scientific achievements (the list of publications, participation in conferences, internships and participation in other research projects). Please include in your application the agreement to the processing of personal data provided in the documents for realizing the recruitment process.

Thanking all applicants for their interest, we will contact only selected candidates until September 14th, 2021.