
Scholarship Offer in the frame of OPUS 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 OPUS project "Study on molecular hybrids based on graphene/hollow carbon spheres functionalised by metal oxides for lithium-ion batteries", under supervision of dr hab. Xuecheng Chen, prof. ZUT.

Conditions of employment: Scholarship for 12 months with the possibility of extension, 2400 PLN/month, under the conditions written in the NCN regulations.

Research tasks:

- Synthesis of graphene and hollow carbon spheres
- Preparation of graphene/hollow carbon spheres nanocomposites
- Characterization of the obtained 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 at Polish university or PhD seminar participant at the start date of the engagement
- Solid knowledge and experimental background in application of carbon materials for energy storage
- 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: 31.08.2021, 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 2nd, 2021.