
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

Number of positions: 1

We are looking for a highly motivated candidates who would like to work in the frame of OPUS project “Borophene and its derivatives for energy harvesting – design of fabrication processes”, under supervision of prof. dr hab. Ewa Mijowska.

Conditions of employment: Successful candidates will be granted scholarship of 3000 PLN/month for 39 months, under the conditions written in the NCN regulations.

Research tasks:

- She/he will be responsible for the combined strategy between sonochemical exfoliation and chemical oxidation/reduction of the borophene.
- the experimental work will include samples characterization by microscopic tools
- Physicochemical characterization of the obtained borophene and borophene derived samples
- Analysis of the experimental data
- Contribution to writing scientific papers

Requirements:

- Master degree in Chemistry, Chemical Engineering, Nanotechnology, Materials Science or related fields
- PhD student status at Polish university (incl. Doctoral Schools) at the start date of the engagement
- Experience in the lab work
- Prior experience with other high-tech research equipment used in the project (FTIR, SEM, TGA, etc.) and scientific papers writing will be strong assets
- Excellent written and spoken English skills
- Ability to work in a team

Application Deadline: 14.10.2022, 12:00

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 till October 14th, 2022. 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 personal data processing agreement.

Thanking all applicants for their interest, we will contact only selected candidates until October 20th, 2022.