
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 “Exploiting chemical modification of coffee waste and lignin: a novel approach for sustainable energy storage systems”, under the supervision of dr hab. Xuecheng Chen, prof. ZUT.

Conditions of employment: Successful candidates will be granted scholarship of 4000 PLN/month for first 12 months and 5000 PLN/month for next 33 months, under the conditions written in the NCN regulations.

Research tasks:

- She/he will be responsible for carrying out the experimental synthesis,
- Structural/spectroscopic characterization of carbon nanomaterials,
- Study of the electrochemical performance of carbon materials in supercapacitor, such as CV, GCD, EIS, long cycle performance
- Analysis of the experimental data
- Writing scientific papers

Requirements:

- Master degree in Chemistry, Chemical Engineering, Nanotechnology, Materials Science or related fields
- PhD student status at Doctoral School or doctoral studies participant 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
- Good scientific publications
- Experience in organic syntheses
- Excellent written and spoken English skills
- Ability to work in a team

Application Deadline: 03.10.2024, 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 3rd, 2024. 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 4th, 2024.