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## Post – doc Offer in the frame of OPUS project

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

**Position:** post – doc researcher

We are looking for a highly motivated candidate who would like to work in the frame of OPUS 13 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:** Fulltime employment contract for 7 months, under the conditions written in the NCN regulations for OPUS 13, with a gross salary of 10 000 PLN/month (incl. non-wage labour costs).

**Research tasks:**

- Developing the methods for recycling of waste polymers to high-value added product
- Electrochemical analysis investigations, such as lithium ion battery measurements
- 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:**

- PhD degree holder in polymer chemistry/physics, chemical technology, materials science or related fields
- PhD degree obtained not earlier than 7 years prior undertaking tasks in this project
- at least 2-year experience in electrochemistry and polymer related research
- laboratory experience
- analytical thinking, creativity and high motivation,
- excellent written and spoken English skills,
- at least 10 publications in international impact factor journals,
- prior experience with high-tech research equipment used in the project (TGA, SEM, TEM, AFM, RAMAN)
- ability to work in a team

**Application Deadline:** 17.06.2022, 12:00

**Application procedure and contact:**

Candidates should send their CV and letter of motivation to: [nanotech@zut.edu.pl](mailto: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 June 20<sup>th</sup>, 2022.