**Scholarship Offer in the frame of OPUS project**

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

**Position:** Scholarship holders/PhD students (two candidates)

We are looking for a highly motivated candidates 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.

**Conditions of employment**: Scholarships for 35 months with the possibility of extension, 4500 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**: 28.02.2018, 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 Nanomaterials Physicochemistry Department, 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 following statement: “In accordance with the personal data protection act from the 29th of August 1997, I hereby agree to process and to store my personal data by the Institution for recruitment purposes”.

Thanking all applicants for their interest, we will contact only selected candidates until March 3th, 2018.