

Name of the organization: Poznań University of Technology, Faculty of Chemical Technology

Type of position: doctoral student - doctoral scholarship

Requirements:

1. Master's degree in natural sciences or engineering and technology.
2. Knowledge in the field of synthesis and characterization of materials and/or electrochemistry.
3. Predispositions to conduct scientific experimental research.
4. Knowledge of spoken and written English at least B2 level, knowledge of communicative Polish is an additional advantage
5. Availability, willingness to self-improve, strong motivation for scientific work, creativity in solving problems, independence, ability to work in a team.

Description of tasks:

The work in the frame of the SONATA project funded by the National Science Center "From waste to carbon materials" (no. 2023/51/D/ST11/01657) will concern in particular:

- The search for new and interesting materials for the synthesis of carbon materials.
- Physicochemical characterization of the materials.
- Synthesis of carbons, preparation of electrodes, assembling of electrochemical cells, performing electrochemical investigations, modifying carbon materials, and sharing the knowledge with students and other team members.
- Data analysis and processing.
- Regular preparation of reports about work progress.
- Assist the PI during the in-situ experiments to learn or improve their knowledge.
- Co-supervision and help with the work of students.
- Supervision and maintenance of the apparatus used.
- Preparation of article drafts.

NCN competition type: SONATA

Deadline for submitting an application: 05.07.2024, at 23:59

Form of submitting application: e-mail

Conditions of employment:

Duration: 48 months (including 36 months within the project).

Form of employment: scholarship

Amount of financing: according to national regulations (Act - Law on Higher Education and Science and the Regulation on the amount of the minimum monthly basic salary for a professor at a public university).

Starting date 01.10.2024

Candidates are asked to send an application consisting of:

1. Documents confirming qualifications:
 - a. diploma of completion of studies with a supplement or
 - b. certificate of graduation,
 - c. a list of grades from the course of education (not required if such information is included in the supplement) along with the official grade scale, if it is not indicated in the list of grades, confirmed by the university from which the candidate graduated,

2. Curriculum vitae containing personal data and the course of previous education and/or employment,
3. A cover letter containing a short description of interests and justification of the intention to undertake education at a doctoral school, a list of achievements (including scientific publications, patents, utility models, trademarks, industrial designs, scientific scholarships), awards and distinctions resulting from conducting scientific research or activities student, or other scientific achievements, information about participation in scientific conferences, workshops, research and commercial projects, completed training and internships, international mobility and professional experience, membership in scientific circles (along with documents confirming them),
4. Reference letter from the diploma thesis supervisor and/or PIs of projects in which the student has already been involved.
5. Declarations of consent to the processing of personal data for recruitment purposes with the following content: "I consent to the processing of my personal data contained in the application documents by the Poznań University of Technology based in Poznań for the purpose of conducting the current recruitment procedure."

The documents must be prepared in Polish or English or translated into Polish or English by a sworn or equivalent translator in the country of issue. A university diploma obtained abroad must be submitted along with a legalization or an apostille.

Interested persons are asked to send relevant documents to the e-mail address: pawel.jezowski@put.poznan.pl until July 5, 2024 at 23:59

Decision date: July 8, 2024.