

ANNOUNCEMENT OF THE COMPETITION FOR THE POSITION OF STUDENT SCHOLARSHIP HOLDER

AS PART OF THE NCN PROJECT – OPUS 26 CALL

Name of the Institution: Faculty of Environmental and Energy Engineering, Silesian University of Technology

Position title: Student scholarship holder I

Requirements:

1. Status of a first- or second-cycle student at the Silesian University of Technology in Energy, Environmental Engineering, Chemical Engineering, General Engineering, or related fields
2. Documented involvement in extracurricular activities, such as PBL projects, student research groups, and student conferences. Experience in conducting experimental work and documented skills confirmed by publications in conference proceedings or journals with an IF, as well as active participation in international conferences, are desirable. Knowledge of English confirmed by personal presentation of papers at peer-reviewed international scientific conferences, an internship or study abroad, or a relevant language certificate (at least at the B2 level)
3. Ability to think analytically and formulate conclusions independently
4. Ability to write and edit scientific texts
5. High motivation for further development and the ability to work in a team

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The employed person will participate in the implementation of the tasks of the project "Chemical recycling of textile waste by oxidative liquefaction and solvolysis - from waste to sustainable fashion." (project no. 08/060/PBU24/1147), coordinated by Prof. Sebastian Werle, PhD, DSc, Eng.

Tasks

The competition is directed at 2 positions intended for Students of Silesia University of Technology, i.e., Student I, Student II, planned in the Opus project for implementation within the position from the project proposal Scholarship holder/Student/PhD student_3. The tasks of the employed person will include, among others:

Student I: Assistance in conducting experiments on oxidative liquefaction of plastic waste on the Parr 4650 pressure reactor, work within research package WP2 Multi-parametrical experimental investigation of textile waste under oxidative, and low-molecular-weight solvents liquefaction processes. Assistance in analysis and evaluation of analytical data obtained during conducted research, work in Python and MS Excel environment within research package WP4 Experimental data exploration and modelling with application of chemometric techniques.

Application deadline: September 4, 2026

Application submission form: Documents in electronic form should be submitted to the Dean's Office of the Faculty of Environmental and Energy Engineering, Silesia University of Technology, 44-100 Gliwice; Konarskiego 18 St., e-mail: rie@polsl.pl by September 4, 2026.

Employment conditions:

1. The condition of employment is the selection of the application in the competition procedure and signing a scholarship agreement.
2. At the moment of submitting applications and throughout the entire period of receiving the scholarship, the Student must have active status as a Student of Silesia University of Technology.
3. The condition for continuing work in the project is preparing and approval by the project manager of a 2-month report on the progress of work performed within the scholarship.

Scholarship

1. **Student I:** research scholarship in the amount of 1000 PLN/month for a period of 13 months with the possibility of extension according to NCN rules.

Expected competition resolution date: September 11, 2026

Additional information:

- Candidate's application containing brief justification for employment in the given position Student I, II, Copy of diploma for obtaining the professional title of engineer, in case of lack of engineer title - student transcript,
- Personal questionnaire,
- Professional and academic curriculum vitae (CV),
- Other confirmations certifying that the candidate meets the above-mentioned requirements for the advertised position, in the form of diplomas, certificates, printout from Scopus database, etc.
- Declaration of active knowledge of a modern foreign language.

Evaluating committee

Scholarship holders will be selected by a competition committee, which will be chaired by prof. dr hab. inż. Sebastian Werle, project no. 08/060/PBU24/1147.