

**PhD student – doctoral scholarship in NCN OPUS project
at Faculty of Civil and Transport Engineering**

Requirements:

Knowledge of mechanical and/or materials engineering (MSc level - leader in 10% of top students).

Task description:

Implementation of research tasks in the frame of the OPUS project funded by the National Science Center " Mathematical modeling, analysis of dynamic properties, and fabrication of thermally-sprayed ceramic-metallic bulk composite materials" (no. 2023/51/B/ST8/01062).

Experimental testing of elaborated materials, thermally-sprayed ceramic-metallic bulk composite materials: static and dynamic test (tension, compression, shearing, and perforation).

Statistical analysis of the obtained results.

Elaboration of new concepts in dynamic (extreme) testing in elevating temperatures.

Deadline for submitting offers: 14 January 2026 by email: wojciech.sumelka@put.poznan.pl

Including:

- CV
- Motivation letter
- Copies of papers and conference presentations (optional)

Terms of employment:

4-year full-time PhD scholarship, including 36 months within the project (with evaluation after 24 months) - including 24 months financed from project funds.

Form of employment: doctoral 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 02.03.2026

What we offer:

- scholarship for 4 years at Poznan University of Technology - including 24 months financed from project funds,
- 3-months long internship at selected Eunie University memeber,
- friendly, dynamic and supportive environment
- training in advanced experimental tests of materials
- opportunity to participate in international courses and conferences
- help with applications for additional funding during your studies.

Additional information:

For additional information, please contact the principal investigator: Prof. Wojciech Sumelka (wojciech.sumelka@put.poznan.pl)

The competition will be decided by January 16, 2026.