

Call for a PhD Scholarship Holder in a Research Project

Unit name: Faculty of Civil and Environmental Engineering, Gdańsk

Position name:

Scholarship holder – PhD student 1 for research on advanced reduction processes

Tasks/role in the team:

Scholarship holder – PhD student 1 in the OPUS project: “Research on hybrid advanced reduction processes”. Project leader: Dr. hab. inż. Grzegorz Boczkaj, Prof. PG. **Task description:** Conducting research on advanced reduction processes, ongoing preparation of reports including discussion and analysis of research results along with their graphical presentation. Participation in the preparation of annual project reports and scientific publication manuscripts. Presentation of research results at national and international scientific conferences. Participation in research team meetings (on-site and remote).

Basic requirements:

Status of a doctoral school participant (discipline: environmental engineering, mining and energy) – research topic strictly related to the project;

Master’s or Master of Engineering degree in chemistry, environmental engineering or a related field;

Documented experience in advanced reduction processes, especially hydrogenation;

Documented knowledge of hydrated electrons in ARP processes – preferably co-authorship of a review publication;

Documented knowledge of applications of MXENE materials;

Laboratory skills and ability to perform chemical analyses;

Very good command of English (spoken and written);

Additional requirements:

Ability to work in a team;

Strong motivation;

Good organization, reliability and independence.

NCN competition type: domestic

Application deadline: April 3, 2026, Time: 13:00 CET

Competition resolution date: April 6, 2026

Submission: by email to grzegorz.boczka@pg.edu.pl

Contact email: grzegorz.boczka@pg.edu.pl

Email subject: "Application scholarship holder/PhD student - ARP".

Employment conditions:

Place of employment: Faculty of Civil and Environmental Engineering, Gdańsk University of Technology, Gdańsk

Planned start date: 15.04.2026

Employment period: 15.04.2026 – 15.11.2026

Salary: approx. PLN 3000/month (scholarship).

Additional information:

REQUIRED DOCUMENTS:

CV including scientific achievements, publications, awards, scholarships, research experience, participation in projects, workshops and training (in accordance with NCN regulations);

Motivation letter addressing point-by-point all requirements;

Description of doctoral research topic;

Copy of diploma;

Consent to personal data processing (GDPR);

Contact details (including email);