

Dear colleagues,

We are pleased to inform you about the continuation of **The BRIDGE online master classes** on Building Information Modeling (BIM) delivered by European partner universities and Ukrainian institutions.

This event is organized within the framework of The BRIDGE project, co-financed by the European Union, which brings together the experience of universities from Ukraine and the EU.

Leading experts and lecturers from Poland, Germany, Slovakia, Italy, and Ukraine will deliver four series of innovative, creative, and interdisciplinary workshops for teachers, students, graduates, employers, and other stakeholders on BIM-related topics.

Conducted by: Partner University – **RWTH Aachen University (Germany)**

Format: Online (link will be provided upon registration)

Learning Platform: Google Classroom (for course materials and communication)

Lecture Time: 14:00 – 18:00 (German Time) / 15:00 – 19:00 (Ukrainian Time)

Structure: Each lecture session is followed by guided exercises

Credits: 1 ECTS per week (12 contact hours + 18 hours self-study)

Week 1: Selected Topics of Inelasticity Theory

Dates: March 2 – 4, 2026

→ March 2, 2026

- 14:00 – 16:00 (German Time) / 15:00 – 17:00 (Ukrainian Time) – Lecture 1
(Prof. Dr.-Ing. **Bernd Markert**, Director of the Institute of General Mechanics)
- 16:00 – 18:00 (German Time) / 17:00 – 19:00 (Ukrainian Time) – Exercise 1
(M.Sc. **Zhao Wu**, Institute of General Mechanics)

→ March 3, 2026

- **14:00 – 16:00** (German Time) / **15:00 – 17:00** (Ukrainian Time) – Lecture 2
(Prof. Dr.-Ing. **Bernd Markert**, Director of the Institute of General Mechanics)
- **16:00 – 18:00** (German Time) / **17:00 – 19:00** (Ukrainian Time) – Exercise 2
(M.Sc. **Zhao Wu**, Institute of General Mechanics)

→ March 4, 2026

- **14:00 – 16:00** (German Time) / **15:00 – 17:00** (Ukrainian Time) – Lecture 3
(Prof. Dr.-Ing. **Bernd Markert**, Director of the Institute of General Mechanics)
- **16:00 – 18:00** (German Time) / **17:00 – 19:00** (Ukrainian Time) – Exercise 3
(M.Sc. **Zhao Wu**, Institute of General Mechanics)

Workload:

12 hours of lectures and exercises

18 hours of self-study

Award: 1 ECTS credit

Week 2: Porous Media Mechanics

Dates: March 9 – 11, 2026

→ March 9, 2026

- 14:00 – 16:00 (German Time) / 15:00 – 17:00 (Ukrainian Time) – Lecture 1
(Prof. Dr.-Ing. **Bernd Markert**, Director of the Institute of General Mechanics)
- 16:00 – 18:00 (German Time) / 17:00–19:00 (Ukrainian Time) – Exercise 1
(M.Sc. **Sven Peters**, Institute of General Mechanics)

→ March 10, 2026

- 14:00 – 16:00 (German Time) / 15:00–17:00 (Ukrainian Time) – Lecture 2
(Prof. Dr.-Ing. **Bernd Markert**, Director of the Institute of General Mechanics)
- 16:00 – 18:00 (German Time) / 17:00–19:00 (Ukrainian Time) – Exercise 2
(M.Sc. **Sven Peters**, Institute of General Mechanics)

→ March 11, 2026

- 14:00 – 16:00 (German Time) / 15:00 – 17:00 (Ukrainian Time) – Lecture 3
(Prof. Dr.-Ing. **Bernd Markert**, Director of the Institute of General Mechanics)
- 16:00 – 18:00 (German Time) / 17:00 – 19:00 (Ukrainian Time) – Exercise 3
(M.Sc. **Sven Peters**, Institute of General Mechanics)

Workload:

12 hours of lectures and exercises

18 hours of self-study

Award: 1 ECTS credit

An additional master class will be delivered by the **Kyiv National University of Construction and Architecture (Ukraine)**.

→ March 12, 2026

- 15:00 (Ukrainian Time)

Language: Ukrainian

Speakers:

- Viktor Nosenko, Ph.D., Associate Professor, Head of the Department of Geotechnics
- Dmytro Nechyporenko, Postgraduate Student, Department of Geotechnics

Topic:

Numerical simulations of off-design impacts in the form of shocks and explosions on the soil environment and buried structures.

Notes

Short breaks will be provided between lectures and exercises.

Please register to receive the participation link for the master classes:

<https://forms.gle/PpDkvUMraYB3jBej6>

The number of places is limited

Certificates of International Internship (including ECTS credits) will be issued to participants.