

2nd CROAT MEETING

OPEN SCIENTIFIC LECTURE SESSION

Meet the Researchers from TU Wien

External participants are warmly invited to a morning of guest lectures by researchers from Technische Universität Wien.

THURSDAY

1 October 2026

TIME

09:00-12:00

VENUERoom G-206
Faculty of Civil Engineering,
Rijeka**PROGRAMME****09:00****Dietmar Adam**

The Institute of Geotechnics at TU Wien

09:20**Adrian Brunner**

Accounting for concrete viscoelasticity in the thermo-mechanical analysis of an energy tunnel wall

09:40**Julian Sigmund**

Future Development of Subballast Compaction in Automated Track Maintenance

10:00**Aleksandar Kostadinović**

Further development and finite-element implementation of a barodetic constitutive model for soils

10:30**COFFEE BREAK****11:00****Marlene Wagner**

Influence of bentonite admixtures on thermal properties of bedding materials for underground power cables

11:20**Alexandra Schagerl**

Influence of folds and fold-related fractures on slope stability

11:40**Alexander Preh**

Calculating the runout of landslides using numerical models

12:00**LUNCH** Faculty of Civil Engineering

The meeting is organized within the BRAVE (Building Resilience of Vulnerable Urban Environments) project framework and with the aim of strengthening scientific collaboration between the University of Rijeka, Faculty of Civil Engineering and Technische Universität Wien in the fields of engineering geology, rock mechanics, soil behaviour and numerical modelling.