



unite!

University Network for Innovation,  
Technology and Engineering

# BIP: SUMMER SCHOOL

## Safety of Underground Transport Infrastructure

### WHAT

**Modern powertrain solutions** use a variety of different energy sources - renewable fuels, batteries or hydrogen. This poses new challenges for the infrastructure. In addition to the refueling and charging infrastructure, **safety in tunnels** is also of great importance.

Knowledge of relevant aspects in this context is indispensable for engineers of the future. Learn more about this in the summer school. You will gain insights into:

- Operation and construction of underground infrastructure
- Safety aspects of tunnels and various types of vehicles
- Project development in an **international and multidisciplinary group work**
- **Visit a real tunnel** under construction near Wrocław

Participation in the summer school is remunerated with **3 ECTS**. Costs for travel and accommodation are covered by a Blended Intensive Programme (**BIP**).



### WHEN AND WHERE

The summer school will take place between the **12. September and 27. September 2024**. During the first week, you will get insights into the different topics via online lessons held by the universities TU Graz, PoliTo, WUST and TU Darmstadt. The second week will take place in Darmstadt where you will have the opportunity to meet all participants, work together and have some fun. You find more information on the Metacampus (see QR-code below).

1.5 weeks of **virtual** lessons and project work

1 week of lessons **at TU Darmstadt**

3 days **on-sight** visit near Wrocław

Final **presentation** of group work

### HOW TO APPLY

If you are interested in the summer school, use the QR code on the right to find out more about the organization, the content and how you can apply. Applications are open to students of the universities in the Unite! network. It is possible to apply by e-mail (additional university-specific registration requirements possible). This should include a short letter of motivation and a CV. Please note the information below:

**Registration is open until 19. July 2024**

or until the maximum number of participants of 30 students is reached.

Visit the **Metacampus** for further information:



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