🎓 Safety of Underground Transport Infrastructure – 2026 (3rd edition)

Focus on New Energy Carriers

📍 *Politecnico di Torino + Online*

🗓️ *6–17 July 2026*

🎯 *For Master's Students in Engineering*

🌍 *Language: English | Format: Hybrid*

🚀 Why Join?

As transport systems transition to **electric, hydrogen, and renewable fuels**, ensuring safety in tunnels and underground infrastructure becomes critical.

This summer school equips you with the **skills to tackle real-world engineering challenges** in sustainable mobility and infrastructure safety.

🧠 What You'll Learn

- Safety risks of **electric, hydrogen, and alternative fuel vehicles**
- Design & operation of **underground transport systems**
- Interaction between **vehicles, energy carriers & infrastructure**
- European **regulations and safety frameworks**
- Hands-on **engineering problem solving in team**

🏗️ Programme Highlights

🔹 Week 1 (Online | 6–10 July)

- Fundamentals of underground infrastructure
- Alternative propulsion systems
- Case studies (rail & road tunnels)
- Group project launch

🔹 Week 2 (Onsite in Turin | 13–17 July)

- Campus & lab activities at Politecnico di Torino
- Technical site visits
- Team project development

- Final presentations & peer review

👥 International Collaboration

Organised with:

- Politecnico di Torino (POLITO)
- Graz University of Technology (TUG)
- TU Darmstadt (TUD)
- Wrocław University of Science and Technology (WUST)

🎓 Credits & Format

- ⭐ 3 ECTS (extra-curricular)
- 💻 Online + 🏠 In-person experience
- 🤝 Multidisciplinary teamwork

✅ Requirements

- Master's degree student (engineering or related field)
- Basic knowledge of thermodynamics & mechanical systems

🌱 Be Part of the Energy Transition

Gain cutting-edge expertise and work on **real tunnel safety challenges** in a truly international environment.

📩 Apply Now

(link to the registration form)