GEEG Launches UnderTalks:

A New Series of Technical Educational Sessions Dedicated to the Underground World

Rome, november 5, 2026 - GEEG – Geotechnical and Environmental Engineering Group announces the launch of **"UnderTalks"**, a new series of free online technical sessions dedicated to cutting-edge technologies, emerging challenges, and future perspectives in large-scale underground infrastructure. The initiative establishes an international forum where practical field experience, academic research, and technological innovation converge to drive industry-wide professional development.

UnderTalks features a streamlined format: one hour of focused technical exchange during which leading international specialists and professionals share practical insights, analyze complex operational issues, and examine the technologies shaping the modern tunnelling landscape.

Why an Educational Series Focused on the Underground Sector?

As underground infrastructure becomes increasingly vital to global mobility and decarbonization, and project requirements grow more ambitious, proactive knowledge-sharing has become indispensable to technological advancement. Equipping industry professionals with actionable expertise ensures they can navigate the operational complexities of modern subterranean construction with safety, precision, and efficiency.

From the evolution of Tunnel Boring Machines (TBMs) and next-generation innovations to on-site risk mitigation and future industry trends, each session offers an in-depth look at critical engineering topics through direct engagement with the minds designing and deploying these solutions in the field.

The project bridges the gap between the broader engineering community and global industry leaders, moving past purely theoretical models to foster a clear, pragmatic understanding of excavation dynamics, design choices, and real-world performance.

The initiative is curated by **GEEG Academy**, GEEG's professional training arm, known for established programs such as "Mud School" (developed in partnership with IATT - Italian Association for Trenchless Technology), "Grout School" (in collaboration with the Grout Freeze Lab at the University of Milano-Bicocca), and "Foam School."

> *"With UnderTalks, we want to create a true meeting ground for those who conceptualize, engineer, and build underground works every day,"* states Stefano Javarone, Head of GEEG Academy. *"Exchanging ideas, operational insights, and innovations is the only way to address the challenges of an evolving sector and collaboratively deliver robust, practical solutions for the future. Our inaugural series,"* he adds, *"focuses on TBM technology, soil conditioning, and the critical challenge of real-time data analysis and*

monitoring—an increasingly crucial topic given the sheer volume of telemetry modern machines generate that must be interpreted effectively."

UnderTalks advances GEEG's overarching mission: establishing a global benchmark for underground engineering where technical education extends beyond classroom learning to strengthen international networks and actively drive infrastructure innovation.

Upcoming UnderTalks Sessions

The series kicks off with a dedicated track on **Soil Conditioning in Mechanized Tunnelling**, launching with two scheduled webinars:

- **November 16, 2026 – 5:00 PM (CET): Mike Mooney** – *Learning from TBM Data*
- **December 15, 2026 – 5:00 PM (CET): Lars Langmaack** – *Topic TBA*

Note: All sessions are conducted online and held entirely in English.

Information & Registration

To learn more about the UnderTalks program, review the full schedule, and register for upcoming sessions, visit:

https://www.geeg.it/undertalks/

About GEEG

GEEG – Geotechnical and Environmental Engineering Group is an innovative spin-off of Sapienza University of Rome, founded in 2018 by professors, researchers, and civil and geotechnical engineers. The firm specializes in applied research and technological development for underground works, with core expertise in mechanized excavation, TBM performance optimization, soil conditioning agents, and the sustainable handling of excavated materials and rocks.Working alongside contractors, engineering firms, public bodies, and industrial partners, GEEG bridges advanced scientific research and field application across international infrastructure projects.

Media Contact

Eleonora Russo – Head of Communications, GEEG

Email: eleonora.russo@geeg.it