



Società Italiana Gallerie
Italian Tunnelling Society

TRAINING & FORMATION

The Italian Tunnelling Society (SIG) is promoting specific teaching events all around Italy to disseminate technical and scientific knowledge concerning all the topics related to tunnelling. They are also a valuable opportunity to promote the *Handbook on Tunnels and Underground Works*. The first series of events were organized between June 2023 and June 2024 at Politecnico di Torino, Politecnico di Milano, Sapienza University of Rome and the University of Napoli Federico II. A second series started in June 2025 with an event at Politecnico di Torino dealing with control, maintenance and refurbishment of tunnels. This event in Naples is an opportunity to focus on the topic of monitoring tunnels and the use of monitoring data to understand the behaviour of tunnels during construction and along their life cycle, encompassing application in recent projects.

TUNNEL MONITORING: *TECHNIQUES AND DATA INTERPRETATION*

Friday 21st November 2025 – 9:00

Biblioteca Storica, Collegio d'Ingegneria – Piazzale Tecchio 80, Napoli



with the patronage of:



PROGRAMME

9:00 AM	Welcome and institutional greetings Prof. Andrea Prota (Chairman of the Institution of Engineers of the Province of Naples and President of UniNa Polytechnic and Basic Sciences School) Prof. Daniela Boldini (Sapienza University of Rome, SIG Advisory Board Coordinator) Prof. Francesco Pirozzi (Head of Department of Civil, Architectural and Environmental Engineering)
9:30 AM	Monitoring for construction and maintenance of tunnels Prof. Gianpiero Russo (University of Napoli Federico II)
10:00 AM	Recent trends in monitoring tunnelling-induced displacements Prof. Emilio Bilotta (University of Napoli Federico II)
10:30 AM	Use of monitoring for life cycle management of tunnels Ing. Federico Foria (ETS)
11:00 AM	<i>break</i>
11:30 AM	The importance of monitoring for recalibrating predictive models: a case study Prof. Salvatore Miliziano (Sapienza University of Rome)
12:00 AM	Florence high-speed railway bypass: monitoring system and data interpretation Ingg. Francesca Martelli e Luigi Iannaccio (Italferr)
12:30 AM	Large-Scale Tunnel Monitoring Across Infrastructure Networks Ing. Antonio Sannino (ASPI)
1:00 PM	Closure

Scientific Committee:

Emilio Bilotta, Daniela Boldini, Claudio di Prisco, Daniele Peila, Gianpiero Russo, Salvatore Miliziano

MODALITA' DI ISCRIZIONE

HOW TO REGISTER

Iscrizione Gratuita per gli studenti
Free registration for students.

Per gli studenti dell'Università Federico II di Napoli è prevista solo la partecipazione in presenza.
For students at the University of Naples Federico II, only in-person participation is allowed.

Per le iscrizioni dei partecipanti si rimanda al FORM DA COMPILARE DIRETTAMENTE SUL SITO
For participant registration, please refer to the FORM AVAILABLE DIRECTLY ON THE WEBSITE
www.societaitalianagallerie.it Area Eventi Event Area

SOCI SIG 50 € in presenza iva incl
SIG Members: €50 in person (VAT included)

NON SOCI SIG 70 € in presenza iva incl
Non-Members: €70 in person (VAT included)

SOCI/NON SOCI SIG 50 € in streaming iva incl
SIG MEMBERS/NON-MEMBERS: €50 for online streaming (VAT included)

L'iscrizione dovrà essere fatta entro il 14/11/2025
Registration must be completed by November 14, 2025

Verranno richiesti N. 3 CFP dal Consiglio Nazionale degli Ingegneri
3 Professional Development Credits (CFP) will be requested from the National Council of Engineers

Eventuali disdette, valide per il rimborso del 50% della quota di iscrizione, devono pervenire entro e non oltre il 14 novembre

Any cancellations, eligible for a 50% refund of the registration fee, must be received no later than November 14th.

organizzazione a cura di

SOCIETÀ DI SERVIZI S.I.G. Srl (20149 Milano - Via Giovanni da Procida 7 – tel. 02 25715805)

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