



Società Italiana Gallerie

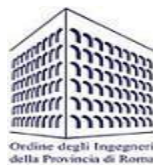


ITACET & SIG Course

“Mechanized **tunneling**: challenging case histories”

Rome - 1st December 2016

Gianfranco Astaldi Conference Room – Via G.V. Bona, 65



The event is credited by the Engineers Order of Rome Province. The participation to the course gives Formative Credits to Engineers (8 CFP for participation)

Program

- | | |
|-------------|--|
| 8.15-8.45 | <i>Registration</i> |
| 8.45-9.00 | <i>Opening Ceremony:</i> Welcome of the authorities 1' |
| | Session |
| | <i>Chairman:</i> D. Peila - ITA Expert |
| 9.00-9.30 | Case history of Rock TBM in difficult conditions from Turkey
N. Bilgin - Istanbul Technical University |
| 9.30-10.00 | Case history of the Follo Line project in Norway: Site assembly and TBM start up
G. Giacomini - Ghella |
| 10.00-10.30 | Underpassing of the FNM with the tunnels of Metro 5 Line of Milan Metro
A. Caffaro - Astaldi |
| 10.30-11.00 | Case histories of TUEN MUN CHEK LAP KOK tunnel in Hong-Kong
B. Combe - Bouygues |

ITACET Foundation c/o BG Ingénieurs Conseils SA | Av. du Cours 61 – 1007 Lausanne - Switzerland
| Email : secretariat@foundation.itacet.org | www.itacet.org

Società Italiana Gallerie- via E. Breda, 28 -20126 Milano Italia
Tel : +39 (0)225715805 | Email : segreteria@societaitalianagallerie.it | www.societaitalianagallerie.it

- 11.00-11.30 *Coffee break*
- 11.30-12.00 **Crossing large karst cavity in TBM Tunnelling**
M. Concilia – Impresa Pizzarotti
- 12.00-12.30 **Case history of Hallandsås tunnels completed after 23 years of hard work**
F. Renault - Vinci
- 12.30-13.00 **Challenging passage with low cover under historical building complex downtown Copenhagen**
G. Kafantaris / V.Violo/A.Rubegni/A.Raschillà - Salini-Impregilo
- 13.00-13.30 **Grouting in rock TBM - Grouting during TBM excavation in hard rock**
K.G. Holter/ G. Ramos - Basf
- 13.30-14.30 *Lunch Break*
- 2' Session
Chairman: A. Pigorini - SIG President
- 14.30-15.00 **TBM in and out**
N. Della Valle - Tunnelconsult
- 15.00-15.30 **Case history of hard rock TBM: La Maddalena exploratory adit for the Turin-Lyon high speed railway base tunnel**
E. Fornari - Geodata
- 15.30-16.00 **Case History of Ismaila Tunnels (Egypt): actual Slurry TBM progress under New Suez Channel, excavation in sand and clay**
G. Menchini / M. Liti - CMC di Ravenna
- 16.00-16.30 **Variable density machines some relevant case histories**
W. Burger - Herrenknecht
- 16.30-17.00 **Excavation of Polcevera tunnel**
G. Cassani / G. Lunardi – Rocksoil
- 17.00-17.30 **Some cases of difficult conditioning for EPB tunneling**
D. Michelis- Mapei
- 18.00-18.30 *Closing remarks*
D. Peila - ITA Expert

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SOCIETA' ITALIANA GALLERIE

ITACET & SIG COURSE

"Mechanized tunneling: challenging case histories"

Roma 1st of December 2016

Roma Via G.V. Bona, 65 – Gianfranco Astaldi Conference Room

(The organization of the course is assigned to the SIG SRL)

Registration Fees:

Member SIG	€ 48,80	(VAT 22% included)
Not a Member	€ 48,80	(VAT 22% included)
Graduate students, researchers	€ 48,80	(VAT 22% included)
Student (max 30 participants)	free	

Including: course participation and slides of the presentations on magnetic media.

Registration form:

The registration form must be completed directly on the SIG web site (www.societaitalianagallerie.it), no later than

25 November 2016

The numbers of seats are limited to 70 participants and 30 students and priority will be given to registration order.

Payment:

by Paypal directly on the website: www.societaitalianagallerie.it

through bank transfer addressed to: SIG S.r.l. - Via E. Breda n. 28 - 20126 Milano

IBAN: IT45J0200801621000100504079

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Unicredit, Ag. 221 - L.go Donegani n. 3 - 20121 Milano-MI- Italy

Information:

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The course is totally in English – The Participants will receive a certificate of attendance.

The event is credited by the Engineers Order of Rome Province with 8 CFP.

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The training event is supported by



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