



Società Italiana Gallerie



ITACET & SIG Course “ *Mechanized tunneling: challenging case histories* “

Rome - 1st December 2016

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

Program

- 08.15-08.45: *Registration*
- 08.45-09.00: *Opening Ceremony: Welcome of the authorities*
- 1st Session
Chairman: D. Peila - ITA Expert
- 09.00-09.30: **Case history of Rock TBM in difficult conditions from Turkey**
N. Bilgin - Istanbul Technical University
- 09.30-10.00: **Case history Pavoncelli Tunnel**
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**
M. Bruno COMBE - Bouygues
- 11.00-11.30: *Coffee break*
- 11.30-12.00: **Crossing large karst cavity in TBM Tunnelling**
M. Concilia - Pizzarotti
- 12.00-12.30: **Case history of Hallandsås tunnels completed after 23 years of hard work**
M. François RENAULT - Vinci
- 12.30-13.00: **Case history of Copenhagen Metro**
G. Kafantaris / R. Perlo – Salini-Impregilo

- 13.00-13.30: **Grouting in rock TBM**
K. Gunnar / G.R. Martinez - 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**
E. Fornari / G. Russo / L. Ferrero - 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
- 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**
R. Schulkins – Mapei
- 18.00-18.30: *Closing remarks*
D. Peila

in collaboration with

ORDINE INGEGNERI ROMA