



WEDNESDAY MAY 8, 2019

EDUCATION CREDITS FOR ITALIAN DELEGATES ONLY

No. 6 Education credits for Engineers

No. 7 Education credits for Geologists and Architects

**PALAZZO MEDITERRANEO**  
**ARCHAEOLOGY, ARCHITECTURE AND ART IN UNDERGROUND CONSTRUCTION**

**AAA & Itacus SESSION**

chair H. Admiraal (The Netherlands)

- 8:30 – 8:50 **ITACUS SPECIAL REPORT I**  
**The next level up is down - working with industry to further an urban underground future**  
H. Admiraal, A. Cornaro
- 8:50 – 9:30 **KEY NOTE LECTURE: Groundscape Stories**  
D. Perrault
- 9:30 – 9:50 **Metro Thessaloniki – Intersecting microtunnels to support archeological findings at Sintrivani Station**  
D. Rizos OMETE S.A., Athens, Greece (currently: Orascom Constructions)  
G. Vassilakopoulou, P. Foufas - OMETE S.A., Athens, Greece  
G. Anagnostou - ETH, Zurich, Switzerland
- 9:50 – 10:10 **Interdisciplinary research in geotechnical engineering and geoarchaeology – a London case study**  
F.K. Vonstad, P. Ferreira, D. Sully - University College London (UCL), London, UK
- 10:10 – 10:30 **Integration of archaeology in architectural design of Milan metro connection M2-M4 in st. Ambrogio station**  
M. N. Colombo, A. Bortolussi, E. Noce - MM Spa - Milan, Italy
- 10:30 – 11:00 coffee break AM
- 11:00 – 11:20 **Reflecting the art, culture and history into the interior design of underground metro stations, case study: Dnipro Metro Extension Line**  
B. Avanoğlu-Çetin, Ö. Öztürk - Yüksel Proje Uluslararası A.Ş - Ankara, Turkey
- 11:20 – 11:40 **The architecture of underground dwellings in Iran**  
S. Hashemi - Iranian Tunnelling Association IRTA, Tehran, Iran

- 11:40 – 12:00 **Underground car park in the ancient “Morelli” cavern in Naples**  
F. Rossano, A. Bellone, M.A. Piangatelli - CIPA S.P.A., Rome, Italy
- 12:00 – 12:20 **Line C in Rome: San Giovanni, the first archaeological station**  
E. Romani, M. D’Angelo, V. Foti - Metro C, Rome, Italy
- 12:20 – 12:40 **The First World War Military Tunnels of the Italian-Austrian Front**  
S. Pedemonte Military history enthusiast, Isola del Cantone, Italy  
E.M. Pizzarotti - Pro Iter, Milan, Italy
- 12:40 – 13:00 **Tunnel warfare in World War I: The underground battlefield tunnels of Vimy Ridge, France**  
M. Diederichs, D.J. Hutchinson - Queens University, Kingston, Canada
- 13:00 – 14:00 Lunch
- 14:00 – 14:45 Travel from Mostra d'Oltremare to Palazzo Serra di Cassano

PALAZZO SERRA DI CASSANO  
OFF-SITE SESSION AND BOURBON TUNNEL VISIT

ARCHAEOLOGY, ARCHITECTURE AND ART IN UNDERGROUND CONSTRUCTION / STRATEGIC USE OF  
UNDERGROUND SPACE FOR RESILIENT CITIES

AAA & Itacus SESSION

chair G. Viggiani (Italy)

- 14:45 – 15:20 **KEY NOTE LECTURE: Underground Urbanism - Embedding AAA into Contemporary Development**  
E. Reynolds
- 15:20 – 15:40 **Moncenisio, from Myth to history TELT–Tunnel Euralpin Lyon Turin and the collection of historic engravings on the Frejus tunnel**  
M. Virano, G. Dati, M. Ricci, G.Avataneo - TELT-SAS, Turin, Italy
- 15:40 – 16:00 **Comparative Analyses of Through - running vs. Dead - end Tunnel to Urban Transit Network Efficiency and Design of Through - running Tunnel in the New York Pennsylvania Station**  
C. Venturi - Rethink Studio, New York, USA  
E. Chao - University of Pennsylvania, Pennsylvania, USA  
C. Nicolescu - Columbia University, New York, USA
- 16:00 – 16:20 Coffee break
- 16:20 – 17:30 **Bourbon Tunnel Visit**
- 17:30 – 18:00 Travel from Palazzo Serra di Cassano to Meeting points