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