

SCHEDULE

FRIDAY, 01.12.2023

REGISTRATION & OPENING

- 08:00 Registration
- 09:00 Introduction to the symposium
- 09:15 Opening lecture: Above, below and beyond the mobility transformation in Graz
Fallast, K.
PLANUM Fallast & Partner

S-LINK SALZBURG

- 09:55 S-LINK Salzburg gains momentum
Greinmeister, A.
S-LINK
- 10:20 The soil investigations and soil mechanics insights for the underground construction of the S-LINK
Saurer, E.; Greinmeister, A.
Skava; S-LINK
- 10:45 S-LINK - tunnel construction in the city centre of Salzburg, challenges and solutions
Jedlitschka, G.; Kohlböck, B.; Eder, M.; Greinmeister, A.
S-LINK
- 11:10 Coffee break

INTERNATIONAL PROJECTS I

- 11:40 Using various geotechnical techniques for challenging conditions at the WestLink project
Raja, S. U.; Landergren, H.; Thurner, R.
Keller Grundläggning AB
- 12:05 Grand Paris Express - a shallow urban tunnel with conventional method - a case study from Line 15 South
Cavagnet, S.; Mancinelli, L.; Midali, E.; Diallo, I.
Lombardi Ingegneria S.r.l.

- 12:30 Use of fiber-reinforced segments and cement-reduced annular gap mortar on the Grand Paris Express project
Khatchadourian, A.; Heim, A.
Implenia
- 12:55 Lunch break

TUNNELLING SPECIFICS OF METROS/SUBWAYS

- 14:25 Model-based representation of geological prognosis (un)reliability for shallow tunnels
Massimo-Kaiser, I.; Salzgeber, H.; Flora, M.
University of Innsbruck
- 14:50 Line crossing U2xU5 construction sections U2/17 to U2/21 - experience gained to date from tunnel excavation works
Schweiger, H.; Wäger R.
Wiener Linien
- 15:15 Coffee break

INTERNATIONAL PROJECTS II

- 15:45 Assessing potential building damage caused by leakage to urban tunnels
Langford, J.; Ritter, S.; Lysdahl, A. K.; Ánes, E. W.; Piciullo, L.
NGI
- 16:10 Large highway tunnels under operating metro lines in the soils of Santiago - design and control approach
Toledo, M.; Cárcamo, V.; Silva, D.
Skava Consulting SA

- 16:35 Melbourne Metro Tunnel Project - novel design and construction approach for major station caverns
Lagger, H.; Sainsbury, D.; Sainsbury, B.-A.; Storry, R.
ARUP
- 17:00 Closing words

BARBARA CELEBRATION

- 19:00 Start
All participants of the ATC² are warmly invited to join the barbara celebration of the Institute of Rock Mechanics and Tunnelling.
A separate registration at www.tugraz.at/institute/fmt/events-1/barbarafeier-2023 is kindly requested for organisational reasons.

