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CONFERENCE

“THE ROLE OF UNDERGROUND INFRASTRUCTURES IN THE ACHIEVEMENT OF THE U.N. SUSTAINABLE DEVELOPMENT GOALS”

20-21 October 2022 –Bologna – Piazza Costituzione 6 – Centro Servizi Bologna Fiere – Sala Concerto

Program – October Thursday 20th

01:00 PM	Registration
02:00 PM	Opening speeches SIG President Renato Casale SIG YMs group Coordinators Agostino Viglione Luigi D’Angelo
Session I	Chairmen: G. Lunardi, A. Nonni, P. Pierotti
02:15 PM	Round Table of n.9 EUTF Member Nation’s Presidents
03:45 PM	Coffee break
Session II	Chairmen: A. Bortolussi, S. Fabozzi
04:15 PM	A. Cornaro (Itacus) “How underground space developments contribute to achieving the SDGs”
04:35 PM	P. Guglielminetti (PWC – Pricewaterhouse Coopers LLP) “Closing a long-standing infrastructure gap: challenges and opportunities of implementing infrastructure investments in Italy”
04:55 PM	R.Galler (ITA - CET & Montanuniversität Leoben, Austria) “Sustainable tunnelling- possibilities based on research results”
05:15 PM	M.Deffayet (CETU) “Sustainability assessment in construction and operation of tunnels”
05:35 PM	Conclusion Session II

Program – October Friday 21st

9:30 AM	Opening speeches SIG President Renato Casale SIG YMs group Coordinators Agostino Viglione, Luigi D’Angelo
Session III	Chairmen: D. Boldini, E. Consoli
09:50 AM	L. Cedrone (ANAS) “The predictive maintenance of existing tunnels”
10:10 AM	S. Susani (TECNE), D.Campolongo (ASPI) “Sustainability, innovation and energy performance improvement in the design and management of ASPI road tunnels”
10:30 AM	F.Iacobini, A. Pranno (RFI) “From the railways tunnels inspections to the structural interventions to be implemented
10:50 AM	D.Martinelli (DIATI-POLITO) “The use of underground space as a resource for the future: examples from Finland”
11:10 AM	Coffee break
11:40 AM	P.Sattamino (Harpaceas) “Bim based digitalization platform for a smart existing tunnel assessment approach”
12:00 AM	S.Guanziroli (HINFRA) “New boundaries of digital concrete for the regeneration of existing tunnels: the ETLR technology”
12:20 PM	N.Valiante (Webuild) & D.Sebastiani (GEEG/uniroma1) “The management of the circular reuse of excavated soils and rocks from mechanized tunnelling”
12:40 PM	G.K.Pini, E. Gugiatti (CP Technology) “From waste to reuse: the second life of plastic in tunnel construction”
01:00 PM	P. Mazzalai (Systra SWS) “The future of the subway”
01:20 PM	Conclusions by C. Callari (Scientific Committee Coordinator)
01:45 PM	Lunch

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