

## ITA Croatia : Tunnelling in Mediteranean Region 2013 Symposium : Programme of Presentations

Tuesday, May 7, 2013

<b>May 7, 2013</b> <b>8:30 – 10:30</b> <b>Hall „A“</b>	<b>Opening Ceremony and Plenary Session</b> <b>Chair : Zvonimir DEKOVIĆ, Davorin KOLIĆ</b>
8:30-8:40	Zvonimir DEKOVIC, Davorin KOLIĆ Opening Ceremony, Introduction
8:40-9:00	Zvonimir SEVER, President Chamber of Engineers HKIG Hydro Potential of Republic Croatia
9:00-9:20	Soren ESKESEN, Vice-president ITA-AITES CITYRINGEN – The Extension of the Copenhagen Metro
9:20-9:40	Davor SIMIC Underground Focus: Spain-France-Portugal
9:40-10:00	Nurettin DEMIR Underground Focus : Turkey
10:00-10:30	Alex SAGY, Davorin KOLIĆ Underground Focus : South-East Mediteranean and Balkan Region

**10:30-11:00 Coffee break**

<b>May 7, 2013</b> <b>11:00 – 13:00</b> <b>Hall „A“</b>	<b>S1: Tunnelling Methods in Mediterranean Region</b> <b>Chair : Jakob LIKAR, Gerhard HARER</b>
11:00-11:20	Alvise AMADI ,Giuseppe LUNARDI Geological unpredictability in tunnels
11:20-11:40	Melanija HUIS, Andrej LIKAR , Jakob LIKAR  Design of service tunnel SC-T8 on the railway Divača - Koper
11:40-12:00	Nurettin DEMİR, Alattin RAMOGLU Jet Grouting Applications in NATM Tunnels
12:00-12:20	Darko MOSLAVAC Influence of support distance from tunnel face on safety coefficient
12:20-12:40	Erfan KARIMI, Ali UROMIEHY, Shahnam MALEKZADEH, Kourosh SHAHRIAR, Roghaye ABRI  Stability analysis by using instrumentation and monitoring data
12:40-13:00	Discussion

**13:00-14:00 Cocktail ITA Croatia, Lunch break**

<b>May 7,2013</b> <b>14:00 – 16:00</b> <b>Hall „A“</b>	<b>S1+S5 Tunnelling Methods in Mediterranean Region + Case Studies</b> <b>Chair : Zvonko TOMANOVIĆ, Nurettin DEMIR</b>
14:00-14:20	Davor SIMIC Minimizing risks in tunnel construction through unconsolidated coastal soils
14:20-14:40	Bou-Young YOUN, Rolf BREITENBÜCHER Strength development of annular gap grouts by dewatering in non-cohesive soils
14:40-15:00	Luca MANCINELLI, Giuseppe LUNARDI, Massimiliano ANDREOLI Milan metro, line 5 extension – Construction of the “Lotto” station
15:00-15:20	Veit REINSTADLER Shotcrete application: Markovec Tunnel in Slovenia
15:20-15:40	Gerhard HARER The 33 km long Koralm Tunnel in Austria – a modern infrastructure along Europe’s Core Railway Network
15:40-16:00	Discussion

**Coffee Break 16:00-16:30**

<b>May 7,2013</b> <b>16:30 – 18:10</b> <b>Hall „A“</b>	<b>S4 Safety : Ventilation and Fire Protection</b> <b>Chair : Mehmed MESIHOVIĆ, Melanija HUIS</b>
16:30-16:50	Aleksandar REGENT Prevention of Catastrophic Fires in Road Tunnels
16:50-17:10	Andrea KRPO Ventilation system design for a double-bore single-track tunnel
17:10-17:30	Nurettin DEMİR, Emre DUMAN NATM Tunnelling Under Shallow Cover of Loose Soil
17:30-17:50	Goran MARINIĆ System Solutions of Paints Applied in Croatian Tunnels
17:50-18:10	Discussion

Wednesday, May 8, 2013

<b>May 8, 2013</b> <b>9:00 – 11:00</b> <b>Hall „A“</b>	<b>S2 Immersed Tubes</b> <b>Chair : Davorin KOLIĆ, Soren ESKESEN</b>
9:00-9:20	Tommy OLSEN, Søren GAMST Applied engineering geology for immersed tunnels in coastal areas
9:20-9:40	Nikša ORLANDIĆ  Application of immersed tube methodology in Dalmatia
9:40-10:00	Boženko JELIĆ, Sandra ROŽIĆ, Hrvoje JELIĆ Conceptual design of tunnels Zadar – Ugljan island and mainland – Pelješac
10:00-10:20	Simon GREENSTED, Mike HARPER Sprayed waterproofing membranes for immersed tube and SCL tunnels: A future design for dry
10:20-10:40	Andreas JURECKA, Roland HARING Cost monitoring and control of large infrastructure projects
10:40-11:00	Branko KINCL, Stjepan Kralj Underwater tunnel Croatia - Italy

**Coffee break 10:30-11:00**

<b>May 8, 2013</b> <b>11:00 – 13:00</b> <b>Hall „A“</b>	<b>S5 Case Studies 2</b> <b>Chair : Davor SIMIC, Alex SAGY</b>
11:00-11:20	Alex SAGY Operating the over-all Red Line system
11:20-11:40	Enrico CAMPA, Pietro GIANVECCHIO, Salvatore LIETO, Mario MANCINI, Giuseppe SCARPELLI, Guido VENTURINI SS 106 Jonica national road tunnel construction in difficult geotechnical conditions
11:40-12:00	Mahsa Naddaf, Seyed HOSSEINI, Shahnam MALEKZADEH, Kourosh SHAHRIAR Effects of ancient rivers on surface settlement in New Austrian Tunneling Method (NATM) – Case study: Niayesh tunnel-Tehran - Iran
12:00-12:20	Tina MAROLT, Andrej LIKAR, Žiga LIKAR, Jakob LIKAR, The design of the Velenje coal mine shaft in highly faulted ground
12:20-12:40	Roohallah BOLGHONABADI, Seyed HOSSEINI, Shahnam MALEKZADEH, Kourosh SHAHRIAR Effects of excavation sequences on surface settlement in New Austrian Tunneling Method (NATM) – Case study: Niayesh tunnel-Tehran - Iran
12:40-13:00	Discussion

**Lunch break 13:00-14:00**

<b>May 8, 2013</b> <b>14:00 – 16:00</b> <b>Hall „A“</b>	<b>S3 Numerical Analysis of Underground Structures</b> <b>Chair : Darko MOSLAVAC, Zvonimir DEKOVIĆ, Davorin KOLIĆ</b>
14:00-14:20	Zlatko LANGHOF, Ljubo BIJELJANIN Determination of primary Stress in rock mass by a combined static-dynamic method
14:20-14:40	Atefeh MAGHAMI NIK, Shahnam MALEKZADEH, Kourosh SHAHRIAR Finding Real Elasticity Module by Using Back Analysis operation according to PHASE2 software modeling results
14:40-15:00	Daniel BORBELY Numerical modelling of sequential excavations in densely populated urban conditions
15:00-15:20	Ali ATTAR, Seyed HOSSEINI, Shahnam MALEKZADEH, Kourosh SHAHRIAR An optimized numerical back analysis to identify geotechnical parameters using FLAC- Case study: NIAYESH tunneling project
15:20-15:40	Discussion
15:40-16:00	Conference Analysis and Closing Ceremony