



First day - Friday May 14, 2010

Opening

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| General aspects of tunnel construction and choice of construction method | 8.00-8.15 | |
| Health & Safety during tunnelling construction | 8.15-9.00 | A. Assis, University of Brasilia / ITACET Foundation |
| Site characterization for deep tunnels | 9.00-9.45 | D. Lamont, ITA WG Animateur |
| | 9.45-10.30 | Derek Martin, University of Alberta |
| Break | 10.30-11.00 | |
| Tunnel design for deep tunnels in poor rock | 11.00-11.45 | E. Hoek, Consultant |
| Effect of drainage around deep tunnels | 11.45-12.30 | E. Eberhardt, University of British Columbia |
| Discussion | 12.30-12.45 | |
| Lunch 12.45-14.00 | | |
| Numerical modelling of deep tunnels | 14.00-14.45 | J. Carvalho, Golder Associates |
| Ground reinforcements in conventional tunnelling and face stability | 14.45-15.30 | G. Anagnostou, ETH Zurich |
| Break | 15.30-16.00 | |
| Ground and tunnel monitoring: lessons learned from case histories | 16.00-16.45 | F. Amberg, ITACET Foundation / ITA-COSUF Committee |
| Conventional tunnelling: lessons learned from case histories | 16.45-17.30 | P. Grasso, ITA Executive Council |
| Conventional tunnelling: lessons learned from case histories | 17.30-18.15 | R. Galler, ITA WG Vice Animateur |
| Discussion | 18.15-18.30 | |

Second day - Saturday May 15, 2010

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| Mechanized tunnelling for rock and soil - General aspects and types of machines | 8.00-8.45 | L. Babendererde & M. Thewes, ITA WG animateur & ITA ExCo Member |
| Soil conditioning for EPB tunneling and backfilling | 8.45-9.30 | D. Peila & R. Schulkins, ITACET Foundation & MAPEI SpA |
| Hard rock TBM technology - Open hard rock & double shield TBM | 9.30-10.15 | Lok Home, Robbins |
| Break | 10.15-10.45 | |
| Mechanized tunneling: lessons learned from large size hard rock TBMs (Gotthard Base Tunnel) | 10.45-11.30 | H. Ehrbar, ITA WG animateur |
| Risk management and contracts in tunnelling design | 11.30 -12.15 | S. Eskesen & M. Knights, ITA Executive Council |
| Discussion | 12.15.-12.30 | |
| Lunch 12.30-13.45 | | |
| Tunnel lining waterproofing | 13.45-14.30 | W. Aldrian, MEYCO-BASF |
| Tunnel lining shotcrete | 14.30-15.15 | E. Cuerel & K. Somapura, Sika |
| Innovation in conventional tunneling equipments | 15.15-16.00 | T. Melbye, Normet |
| Break | 16.00-16.15 | |
| Design of segmental lining | 16.15-17.00 | F. Gruebl, ITACET Committee |
| Soft ground mechanized tunnelling: lessons learned from EPB case histories | 17.00-17.45 | M. Giorelli, Lovat |
| Soft ground mechanized tunneling: lessons learned from Large Size TBMs | 17.45-18.30 | M. Herrenknecht, Herrenknecht |
| Discussion | 18.30-19.00 | |