

Ground Improvement Pre Support & Reinforcement

WTC 2013
Switzerland - Geneva

Training session for Continuous Professional Education
CICG Centre international de conférences Genève

Host

STS – Swiss Tunnelling Society

Speakers

Georgios Anagnostou (CH- ETH Zurich)
Daniele Peila (I - Politecnico di Torino)
Eivind Grøv (NO -SINTEF, NTNU)
Michel Chopin (F/CH - G.C.I Lausanne)
Kurt Kogler (AT - Züblin)
Harald Krenn (AT - Züblin)
Hans-Olav Hognestad (NO - BASF UGC)
Davide Michelis (I - MAPEI UTT)
Chris Menkiti (UK - Geotechnical Consulting Group)
Heinz Ehrbar (CH - Heinz Ehrbar Partners)
Sara Zingg (CH - ETH Zurich)
Marco Ramoni (CH - Basler & Hofmann)
Gilles Lequertier (F - INFRA TUNNEL SA)
Giovanna Cassani (I - Rocksoil SpA)
Piergiorgio Grasso (I - Geodata)
José L. Machado do Valle (P - CPT)
Akira Koshima (BRA - Novatecna)
Wolfgang Orth (D - ORTH Ingenieurbüro)
Paul C. Schmall (USA - Moretrench)

Registration & information

www.wtc2013.ch

Standard fee: CHF 360.–

Reduced fee for students: CHF 180.–

Contact: ITACET Foundation c/o Epfl Lausanne

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Friday 31.05.2013

General Overview

Basic considerations on auxiliary measures
Design of injection works in rock

Injections

Design of injection work in soil
Ground improvement for tunneling projects
Injection materials
Compensation grouting - Fundamentals and case history
Grouting in fault zones – Lessons learned from the Gotthard Base Tunnel

Drainage

Design of drainage works

Open exchanges with the lecturers

Saturday 01.06.2013

Forepoling & Face reinforcement

Forepoling design
Face reinforcement design
Execution & Technology
Case histories

Jet Grouting

Design & Application to Tunnelling incl. case histories
Execution aspects incl. case histories

Ground Freezing Application

Ground freezing design & application to tunneling incl. case histories
Execution aspects incl. case histories