

Safety and Security of Underground Operations

6 November 2012 | Holiday Inn Atrium

Workshop

Workshop is developed and conducted by the ITA Committee on Operational Safety of Underground Facilities. Underground space is more and more used not only for transport infrastructures such as metro and road networks. New concepts for underground space use, like industrial plants, warehouses, research centres etc are seen as a response to the ever getting scarcer space above ground, especially in urban areas. Such facilities bring along very many new aspects and challenges in regard to safety and security. This is also the case for the more and more complex infrastructures of transport networks, especially in stations and so called transport hubs. The workshop will address explicitly these issues and show ways and means to tackle these new challenges.

Workshop Speakers

Felix Amberg, Amberg Engineering Ltd, ITA COSUF Tutor, Switzerland

Arnold Dix, Lawyer & Scientist Specialist
Subsurface Infrastructure, Australia

Niels Peter Hoj, Hoj Consulting, Switzerland

Maximilian Wietek, Hagerbach Test Gallery,
ITA COSUF SB Member, Switzerland

Johan W Bosch, Delft University, ITA COSUF
SB Member, The Netherlands

Götz Vollmann, RUB, ITA COSUF SB Member,
Germany

Rashid Abdi Elmi, Ola Woldmo, VAV, Norway

Seminar Details

Venue: Holiday Inn Atrium Singapore
317 Outram Road, S169075

Date: 6 November 2012

Time: 0900 - 1730 hrs

Registration Fee

The fee for the 1-day pre-conference workshop is **SGD 325** Members of SRMEG / ACUUS; **SGD 375** Non Members.

Programme Overview

Session 1: Complex urban underground road structures (jointly organized with PIARC)

- ITA COSUF - Introduction
- Embracing innovations in subsurface operational safety technology - a legal / engineering perspective
- Case studies (Stockholm bypass, Paris 'La defense' etc)
- Discussion

Session 2: Complex underground infrastructures for public transport

- Safety in deep metro stations
- Operational safety of a multi modal public transport interchange - the development of the Amsterdam Station Island from Separate systems to an integrated public transport machine
- Recent R&D work for Complex Underground Infrastructures
- Discussion

Session 3: New underground facilities - new safety challenges

- Key elements for safety of underground space infrastructures
- Underground Waste Water Treatment - Safety Challenges
- Safety of underground chip production plant

6 PDU points will be awarded.

HOW TO REGISTER

1. Via our website <http://www.acuus2012.com/workshops-short-courses-special-sessions>.
2. Via the registration form below. Kindly complete the form and fax(+65 6271 2439) or email (info@acuus2012.com).

PRE-CONFERENCE - REGISTRATION FORM

I am interested to register for:

- Safety and Security of Underground Operations
- SRMEG / ACUUS Member @ SGD 325
 - Non-Member @ SGD 375

Particulars

Prof / Dr / Mr / Mrs / Ms: _____

Title and Full Name (underline Surname / Family Name):

Organisation:

Address:

Office Phone: _____ Fax: _____

Mobile: _____ Email: _____

Dietary Requirement (if any): _____
(all food served are no pork no lard)

Organised by:



ACUUS 2012 Singapore Conference Secretariat:
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