

7-8 March, 2013

MILLENNIUM HOTEL WUXI



## 第七届中国隧道国际峰会

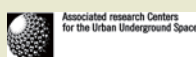
Build the unique platform for the global tunnel industry professionals to communicate profoundly, Present the new technologies of tunnel construction, the optimal risk control solution and share the best cases of operation and maintenance solutions

### HIGHLIGHTS

- Hear from more than 20 experts' unique experience and essential perspectives
- Latest 15 case studies of underground space and railway project management
- Share the most cutting edge geological research
- Analyze the critical points of the management and risk control of the tunnel projects
- Closed door conference with limited access and more one on one communications

With Six years' success and careful planning, Merisis Annual Tunnel Summit is become the one of most important and professional event in China infrastructure industry. Hereby we welcome you to attend 7th China Tunnel Summit in Wu'xi, China.

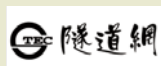
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## SELECTED, CONFIRMED SPEAKERS

**Sun Jun**, *Academician/ Professor*

*Chinese Academy of Engineering/ Tongji University*

**Pierre SCHMITZ**,

*First Engineer/ Vice-President  
Ministry of the Brussels-Capital Region  
PIARC TC 3.3 Road Tunnel Operations*

**Jørgen Holst**, *Past President*

*Danish Tunnelling Association*

**Chi-wen YU**, *Deputy Manager*

*Geotechnical Engineering Research Center  
(GERC) of SEC*

**Chulwhan PARK**, *Ph.D.*

*Rock Eng. Group*

**Zheng Yingren**,

*Academician/Vice Director  
Chinese Academy of Engineering  
Institute of Rock and Soil Mechanics  
Chinese Academy of Sciences*

**Yang Guoxiang**, *Chief Engineer*

*Shanghai Tunnel Engineering Co., Ltd*

**Cheng Yong**, *Chief Engineer*

*CCCC Second Highway Consultant Co. Ltd*

**Zhou Chuiyi**, *Deputy General Engineer*

*East China Investigation and Design  
Institute*

**Liu Yunzhen**, *President*

*Beijing Research Institute of Hydropower  
and Geophysical Surveying*

**Fu Deming**, *Secretary General*

*Shanghai Society of Civil Engineering*

**Ir Dr. Zullkefle Bin Norden**

*Deputy Director  
Ministry of Energy, Green Technology And  
Water, Malaysia (KeTTHA)*

**Ir Steven Lai**, *Technology Director*

*Parsons Brinckerhoff*

**Xu Zhisheng**, *Professor*

*Disaster Prevention Science and Safety  
Technology Institution, Central South  
University*

**Yang Linde**, *Professor*

*Tongji University*

## INTRODUCTION

The 12th five-year plan accelerates infrastructure construction in China. China is still the tunnel superpower which has largest number of tunnels, the biggest construction scale and the fastest developing speed in the world. Nowadays, besides design, construction, maintenance and risk management, sustainable underground space becomes one of the hottest topic. So it is also been covered in the 7th China Tunnel Summit.

The two-day meeting will be addressed to national professionals interested in the topic of tunnels, particularly on machining and conventional tunnels construction methods in urban and interurban areas. Through this summit, you would know the Chinese tunnel projects and new construct request, also be showed the advanced products which help you to probe into the new market trend and communicate face to face.

## WHO SHOULD ATTEND

Chairman / President / Vice President / CEO / Executive Director / General Manager / Chief Operation Officer / Chief Technology Officer / Chief Engineer / Director- Strategy Development / Director - Business Development / Director /Marketing / Sales / Director – Procurement / Investor and Banker / Engineering/Legal /Financial Consultant

## FROM

Tunnel Survey & Design Institute & Company / Tunnel Construction Company / Tunnel Operation and Maintenance Company / Tunnel Construction & Maintenance Supervisors / Tunnel Contractors / Engineering Consulting Company / Projects Design Software Providers / Material Providers / Resellers / Instruments Manufacturers & Agents / Equipments Manufacturers & Agents / Technology and Solution Providers / Investment Banks & Private Investors

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**The latest development and technologies of tunnels**

**0830 Registration**

**0850 Opening Speech**

**0900 Topic One**

PIARC Recommendations on Road Tunnel Operations: the Chinese Version of the PIARC Road Tunnel Manual and the European Directive on Road Tunnel Safety

**Pierre SCHMITZ,**

First Engineer/ Vice-President

Ministry of the Brussels-Capital Region

PIARC TC 3.3 Road Tunnel Operations

**0930 Topic Two**

The Construction Technology of Crossing Buildings and Cutting Pile Foundation by Shield

**Fu Deming,** Secretary General

Shanghai Society of Civil Engineering

**1000 Morning refreshments & networking break** 

**1030 Topic Three**

Current Development of the Jakarta Multipurpose Deep Tunnel (MPDT) with New Governor of Jakarta Commitment

**Firdaus Ali** , PhD

Jakarta Water Resources Council Member

Indonesia Water Institute (IWI), Founder and Chairman

**1100 Topic Four**

The Hong Kong-Zhuhai and Macau Bridge Island-Tunnel Construction: Research and Practice of Soft Ground Reinforcements

**Sun Jun,** Academician/ Professor

Chinese Academy of Engineering/ Tongji University

**1130 Panel Discussion**

Discussion On Sustainable Tunnel and Underground Constructive

**1200 Luncheon** 

**1400 Topic Five**

Role of Rock Engineering in ESS (energy storage system) Program

**Chulwhan PARK,** Ph.D.

Rock Eng. Group

**1430 Topic Six**

Planning of Modern Road Tunnels for the future

**Jørgen Holst**

Senior Project Manager / Chief Specialist

COWI A/S

Danish Tunnelling Association, Past President

**1500 Afternoon refreshments & networking break** 

**1530 Topic Seven**

Pahang-Selangor Interstate Raw Water Transfer Tunnel Project, Malaysia

**Ir Dr. Zullkefle Bin Norden,** Deputy Director

Ministry of Energy, Green Technology And Water,

Malaysia (KeTTHA)

**1600 Topic Eight**

Case Study—Key TBM Technology for under Construction GongBei Tunnel

**Cheng Yong,** Chief Engineer

CCCC Second Highway Consultant Co. Ltd

**1630 Topic Nine**

Key Construction Problem of II - level JingPing Tunnel

**Zhou Chuiyi,** Deputy General Engineer

East China Investigation and Design Institute

**1700 End of Day One**

**The cutting edge technology and experience in the tunnel risk control management**

**0830 Registration**

**0850 Opening Speech**

**0900 Topic One**

The Concept and Method for Tunnel Pit Design

**Zheng Yingren**, Academician/Vice Director

Chinese Academy of Engineering / Institute of Rock and Soil Mechanics

**0930 Topic Two**

Analysis of the Safety System for Hongkong-Macau-Zhuhai project

**Roger Gale**, President

KGD Developments

**1000 Morning refreshments & networking break** 

**1030 Topic Three**

Taiwan Expert Systems (with computer program) for Tunnel Design and Construction

**Chi-wen YU**, Deputy Manager

Geotechnical Engineering Research Center (GERC) of SEC

**1100 Topic Four**

Fire Safety in Norway Laerdal Tunnel

**Liu Yan**, GM of China

Fire International AB

**1130 Luncheon** 

**1400 Topic Five**

Fire solution and safety in the underground railways and road tunnels

**Ir Steven Lai**, Technology Director

Parsons Brinckerhoff

**1430 Topic Six**

Optimization of Tunnel Cross Passage Spacing through Fire Risk Assessment

**Kelvin Hon Leung WONG**, Senior Fire Engineer

Arup

**1500 Afternoon refreshments & networking break** 

**1530 Topic Seven**

Application of Fireproof Material into the Fire Safety System

**Cong Beihua**, Director

TTDP

**1600 Topic Eight**

Study on Fire-induced Smoke Control and Design

Parameters of Fire Safety in Extra-long Highway Tunnels

**Xu Zhisheng**, Professor

Disaster Prevention Science and Safety Technology

Institution, Central South University

**1630 Topic Night**

Some Consideration for Shock and Disaster Resistance in Tunnel and underground Space

**Yang Linde**, Professor

Tongji University

**1700 End of Day Two**

PAST ROUNDS GLANCE



TESTIMONIALS

A widespread network platform, which brought together experts from the tunnel industry from all over the world. The event was certainly successful and useful for all participants.

--- Managing Director, STUVA

The presentations held a high professional level, describing state of the art in all the covered areas.

--- Senior Engineer, The Norwegian Public Roads Administration

Well organised conference. Important subject. Provide a good opportunity to meet expertise to discuss issues.

- President, ITA

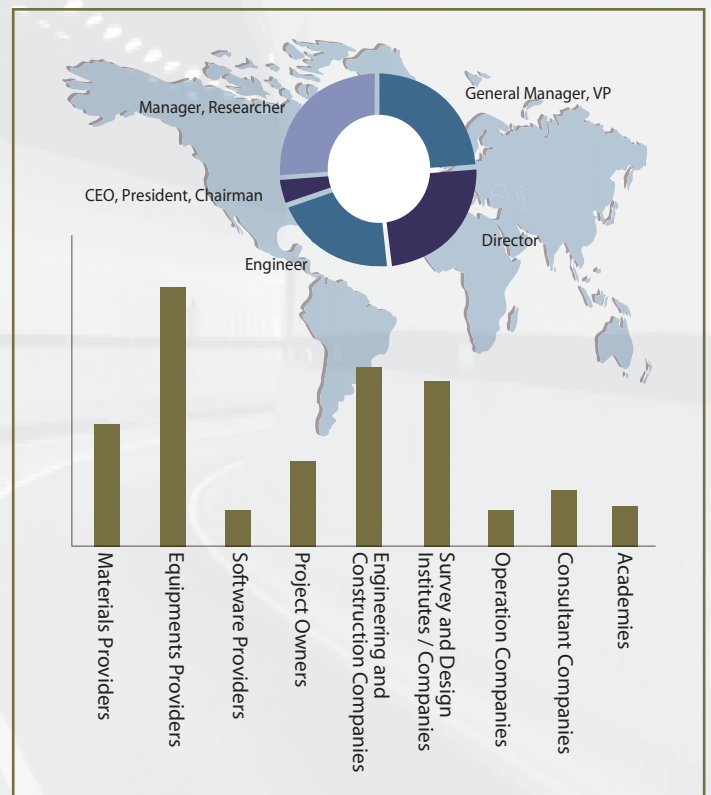
Very attractive presentations, covering many hot and important topics.

- Academician, Chinese Academy of Science

We benefited a lot from the technology information brought by high-level speakers.

-Senior Engineer, BMEDI

PREVIOUS ATTENDEES BREAKDOWN



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