

China

TUNNEL SUMMIT 2007

Adapting the Global Innovation in Construction, Security, Technologies in China Tunnel Construction

18-19 April 2007, Xi'An, China

Venue: to be confirmed

Host by:

Tunnel and Underground Works Branch of China Civil Engineering Society

Key issues to be covered

- Listen to the showcases from the Midwest China Region
- Get timely presentations regarding latest information of design concept, material development and operation technologies of tunnels
- Acquaint with the government officials, decision makers in the industries and international experts face to face
- Understand the current condition and future plan from China government about the tunnel construction and operation
- Analyze the global market and help you to find potential clients
- Make brilliant investment through the communication with the decision makers

Your eminent speaker panel

Harvey Parker
President
INTERNATIONAL TUNNEL
ASSOCIATION

Christopher R Bennett
Senior Transportation Specialist
THE WORLD BANK GROUP

Mathews Marcie
Project Manager
TRANSPORTATION RESEARCH
BOARD

Mark Courtneidge
Director
INTERNATIONAL PROJECT FINANCE
ASSOCIATION

Representative
SHIELD TUNNELLING ASSOCIATION
OF JAPAN

Tan Qinglian
President
CHINA CIVIL ENGINEERING SOCIETY

Wang Dexue
Vice President
STATE ADMINISTRATION OF WORK
SAFETY

Guo Xiayun
Director
TUNNEL AND UNDERGROUND WORKS
OF CHINA CIVIL ENGINEERING
SOCIETY

Wang Mengshu
Professor
BEIJING JIAOTONG UNIVERSITY

Organized by



(Inviting and to be confirmed)

Media Supporter



Day One Wednesday 18th April 2007

0830 Registration and Morning Tea
0850 Opening Address from Chairman

SESSION ONE

0900 **Strengthening the Management of Tunnel Construction to Achieve the Safety Purpose**

- Tunnel's role in the economic development in China
- Pushing up technological progress of tunnels to ensure the safe construction
- The new material and technology we need for safe construction

Wang Dexue, Vice President (to be confirmed)
STATE ADMINISTRATION OF WORK SAFETY

SESSION TWO

0945 **Growth forecasts and Future of Tunnel in the World**

- Latest technologies used in the design of tunnels
- Application of advanced equipment
- Environmental issues and benefits of tunnels
- Human and traffic safety in tunnels

Harvey Parker, President (to be confirmed)
INTERNATIONAL TUNNEL ASSOCIATION

1030 Refreshment Break & Networking Opportunity

SESSION THREE

1100 **Understanding the Current Status of the Development of China Tunnel Construction Market**

- China tunneling current situation
- TBM design standards in China
- Construction practice with Chinese tunnel method

Wang Mengshu, Professor (to be confirmed)
BEIJING JIAOTONG UNIVERSITY

SESSION FOUR

1145 **Deep Insight of the Technique Issues Occurred in Tunnel Project in Developing Midwest China**

- Unique geological situation in Midwest China
- Future plan of tunnel projects
- Case study

Tan Qinglian, President (to be confirmed)
CHINA CIVIL ENGINEERING SOCIETY

1230 Luncheon

SESSION FIVE

1330 **Financing the Tunnel Project through Build-Operate-Transfer**

- Risk management in BOT project
- Concessionaire Selection for BOT Tunnel Projects
- Successful case study
- Feasibility of BOT in western China

Mark Courtneidge, Director
INTERNATIONAL PROJECT FINANCE ASSOCIATION

SESSION SIX

1415 **Exploring Rational Standard to Ensuring the Safety of Tunnel Construction**

- Safety risk should be considered at design stage
- Identify the hazards
- Assess the risks
- Role of parties to tunnel project
- Importance of standards and education

Christopher R Bennett
Senior Transportation Specialist
THE WORLD BANK GROUP

1500 Afternoon Refreshment & Networking Opportunity

SESSION SEVEN

1530 **Application of Intelligent Monitor System to Improve Tunnel Construction Safety**

- Principle of the intelligent monitoring system
- Identify the important role the system is playing during the construction
- Application in the tunnel project
- Advanced intelligent monitor system worldwide

Speaker to be confirmed

SESSION EIGHT/PANEL DISCUSSION

1615 **Finding Solutions to Prevent Water Ingress**

1700 Closing Remarks from the Chairman and Close of Day One

Day Two Thursday 19th April 2007

0830 Registration and Morning Tea
0850 Opening Address from Chairman

SESSION ONE

0900 **Seeing the Development of Different Tunnel Construction Techniques in China**

- Brief Introduction of the construction techniques in tunnel engineering in China
- Case Study: Drill and blast method of tunnel under passing The Yangtze River
- Case Study: TBM/Shield Driven Method
- Case Study: Immersed Tube Tunnels in Tunnel Engineering

Guo Xiayun, Director (to be confirmed)
TUNNEL AND UNDERGROUND WORKS OF CHINA CIVIL ENGINEERING SOCIETY

SESSION TWO

0945 **Absorbing the Advanced Technology in TBM/Shield**

- Introduction of segment
- Study on waterproof design of pipe joint of lined tunnel in TBM Construction
- Advantage of using TBM (TSP)
- Status quo of the application in China

Speaker to be confirmed
SHIELD TUNNELLING ASSOCIATION OF JAPAN

1030 Morning Refreshment & Networking Break

SESSION THREE

1100 **Applying Advanced Concrete Spraying System**

- Introduction of the new techniques utilized in the concrete spraying system
- Advantage of the equipment
- Economic effect created from the equipment
- Explaining the operating standard

Speaker to be confirmed

SESSION FOUR

1145 **Understanding the Explosives in Drilling and Blasting (D&B) Methods**

- Description of the explosive
- Case study

Speaker to be confirmed

SESSION FIVE/PANEL DISCUSSION

1230 **Meet the Challenge in Tunnel Construction in Mid-West of China**

A platform for the international experts, domestic contractors and decision makers from companies to communicate about the technique problems occurred during the tunnel construction in order to gain a solution to these problems and meet the challenge.

1345 Luncheon

1445 OPTIONAL WORKSHOP

Workshop 1
Latest Development of Tunnel Boring Machine

Workshop 2
Advanced Coating Material and Technology in Tunnel Construction

Who Should Attend

Government Representatives
Association Representatives
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
Investment Analyst
Investor and Banker
Engineering Consultant
Legal /Financial Consultant