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Contact Dr. Myung Sagong

Director, Korea Railroad Research Institute (KRI)

Tel: 82-31-460-5363

E-mail : tu.seoul2015@gmail.com

www.tu-seoul2015.org

International Forum on Subsea Tunnels

2-3 September 2015 COEX, Seoul, Korea



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PROGRAM

Day 1 (September 2, 2015)	
On-site Registration	09:00~10:00
Opening Ceremony	10:00~10:30
[Session I] Challenges in deep subsea tunnels Chair- Prof. Joon-Shik Moon	10:30~12:00
Main Challenges for Deep Subsea Tunnels based on Norwegian Experience (Prof. Bjørn Nilsen, Norwegian University of Science and Technology)	10:30~11:00
Design and Construction of Qingdao Jiaozhou Bay Subsea Highway Tunnel (Prof. Jinxiu Jenny Yan, China Railway Academy Co., Ltd)	11:00~11:30
Virtual Project on Honam-Jeju Subsea Tunnel (Mr. Duk-Chan Jun, Yooshin Engineering Corporation)	11:30~12:00
Lunch	12:00~13:20
[Session II] Consideration of high-water pressure in deep subsea tunnels Chair- Prof. Bjørn Nilsen	13:20~15:20
Evaluation Studies and Challenges for the Tunnel under the Strait of Gibraltar (Mrs. Elena Chiriotti, Vice-Animator of ITA WG2 – Research)	13:20~13:50
Lake Mead Tunnel – An Underwater Tunnel with Pressure up to 14 bar (Dr. Antonio Nicola, Salini Impregilo)	13:50~14:20
Key Technical Challenges in Segment Lining Design for Very Deep Subsea Tunnel (Mr. Hyuk-II Jung, Ove Arup & Partners Ltd.,)	14:20~14:50
Vision and Role of the Subsea Tunnelling Technology Centre (Prof. Hangseok Choi, Korea University)	14:50~15:20
Coffee Break	15:20~15:40
[Session III] Operation and maintenance of subsea tunnels Chair- Mrs. Elena Chiriotti	15:40~16:40
Long Undersea Tunnels: Recognizing and Overcoming the Logistics of Operation and Construction (Mr. Gareth Mainwaring, Mott Macdonald)	15:40~16:10
Design Aspects of Bored and Immersed Tunnel Maintenance (Mr. Masatada Takahashi, Oriental Consultants)	16:10~16:40
Technical discussion (Day 1) Chair - Prof. Chungsik Yoo	16:40~17:30

Day 2 (September 3, 2015)	
[Session IV] Mechanized and conventional tunneling in subsea tunnels Chair- Prof. Jinxiu Jenny Yan	9:00~10:30
Designing TBMs for Subsea Tunnels – Challenges and Key Technologies (Mr. Thorsten Tatzki, Herrenknecht)	9:00~9:30
Connecting Two Continents; Introduction to Eurasia Tunnel Project (Dr. Taek-Kon Kim, SK E&C)	9:30~10:00
Main Issue of Design and Construction of Boryong Subsea Tunnel (Dr. Dae-Young Kim, Hyundai E&C)	10:00~10:30
Coffee Break	10:30~10:40
[Session V] Design and Construction of immersed tunnels Chair- Prof. Hangseok Choi	10:40~11:40
Key issues on HongKong-Zhuhai-Macao Immersed tunnel Project (Dr. Fang Lei, HongKong-Zhuhai-Macao Bridge Authority)	10:40~11:10
Big Challenges that Overcome for the Construction of Immersed Tunnel under the High Water Pressure and Offshore Condition (Mr. Bongchul Chai, Daewoo E&C)	11:10~11:40
Technical discussion (Day 2) Chair - Prof. Seokwon Jeon	11:40~12:30
Lunch	12:30~13:30

LOCAL ORGANIZING COMMITTEE

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