

Singapore



Name: Tunnelling and Underground Construction Society (Singapore) (TUCSS)

Type of structure: Non-profit, open association

Number of members: 1103 members, 114 corporate members

ASSOCIATION ACTIVITIES DURING 2017 AND TO DATE

In 2017 the TUCSS continued working to show society the benefits of the underground environment, both through the implementation of technical events, and the dissemination of materials via technical and social media.

Several activities, like Lectures and Presentations at engineering events were developed through 2017.

CURRENT TUNNELLING ACTIVITIES

In 2017 TUCSS has provided the following activities/training for members and engineers

A series of Monthly Seminars as follows:

- 19 January 2017
"Unlined Mined Rock Caverns for Oil & Gas

Underground Storage – Comparison with Civil Underground Excavations" by Mr. Yan Jintang

- 16 February 2017
"Innovations in Precast Segment Componentry" by Mr. Christophe Delus
- 16 March 2017
"Singapore's Land Transport Authority: 20 years of Sprayed Concrete Lining (SCL) tunnelling" by Mr. Massimo Marotta
- 20 April 2017
"Project Success: 80% Psychology 20% Strategy The 3Cs of Partnering – Clients Contractors & Consultants leading to 3Cs of Necessities – Communication, Collaboration & Commitment" by Mr. Philippe Degrange
- 18 May 2017
"Passenger Linkway Using a Rectangular TBM" by Dr Oskar Sigl
- 15 June 2017
"Tunnel Segment Repair" by Mr Totapally

Krishna Mohan Sharma

- 20 July 2017
"Cable Transmission Tunnel" by Mr Neil Smith
- 16 November 2017
"Design and Applications of Large-Size Shield TBMs" by Prof. Han Yali

TUCSS Training Course

- 6 & 7 April 2017
TUCSS provided a training course together with the like-minded society in Singapore on "Challenges in the Design and Construction of Tunnel and Underground Structures"

TUCSS Conference

- 7 & 8 September 2017
TUCSS organised the "Symposium on Innovation and Challenges in Asian Tunnelling 2017" covering a range of topics with speaker from Japan, Korea and Singapore

TUCSS Annual Lecture

- 20 October 2017
"Some Challenges, Lessons and Successes with Recent Underground Construction in Singapore" by Mr. John Busbridge.

FUTURE TUNNELLING ACTIVITIES

TUCSS will continue to provide the following training in 2018:

- Monthly Seminars
- Training Courses/Workshops
- Conference/Symposium
- Annual Lecture