



**NANYANG  
TECHNOLOGICAL  
UNIVERSITY**



NTU-JTC Industrial Infrastructure Innovation Centre

You are cordially invited to the Seminar organized by the NTU-JTC Industrial Infrastructure Innovation Centre

## Seminar on

# Human Factors Analysis of Underground Environments

### Seminar Topic:

Many of the problems associated with living in underground habitats are not only technological ones, but also social issues related to the degree of community acceptance of the concept and to the individual's perception of the underground space. What can we learn from Human Factors analysis of existing sub terrain constructions?

Challenges and possible solutions to overcome these problems would be discussed. We would also examine to what extent knowledge from tunnelling underground parking and underground workplaces, is transferrable to the development of socially and psychologically acceptable underground working space in Singapore.

### About the Speaker:

**Dr Gunnar D. Jenssen** is a senior research scientist at SINTEF, the largest independent research organization in Scandinavia. He received his PhD (Civil and Transportation) from the Norwegian University of Science and Technology (NTNU). He is one of the few psychologists in the world working on the area of human behaviour in an underground environment and he is a specialist in studying the human factor analysis in a variety of fields. Dr Jenssen has also been involved in research related to traffic safety studies, road-user behaviour and driving simulation. He is also a professional project manager with experiences in international collaborative EU Framework projects.

**Date:** Friday, 4<sup>th</sup> July 2014 **Time:** 1400 to 1500

**Venue:** CEE Seminar Room A, Block N1, Level B1 (N1-B1b-06)  
School of Civil and Environmental Engineering (CEE),  
Nanyang Technological University



**To register for this seminar**, please click on the link below, or scan the barcode to register online.

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