



**The Society for Rock Mechanics & Engineering Geology,  
Singapore (SRMEG)**

**Inaugural Seminar**

**Tunnelling in rock – present technology and future challenges**

**Prof Jian ZHAO, Honorary Member of the Society (SRMEG)  
Swiss Federal Institute of Technology**

Monday 28 May, 2007 @5.00pm  
CEE seminar room A, CEE, NTU (BLK N1: B1b-06, see the attached location map)

The seminar will be chaired by Prof. Ma Guowei, Secretary of SRMEG

Light refreshment will be provided after the seminar.

Please kindly confirm your attendance by email to Huirong at: BAOH0001@ntu.edu.sg

**Abstract**

The presentation reviews today's rock tunnelling technology and emphasizes the need of research and technology development toward safer and more economic tunnelling, particularly to apply the knowledge of rock mechanics and interaction between nature-made rock and man-generated engineering activities, in modern social environment.

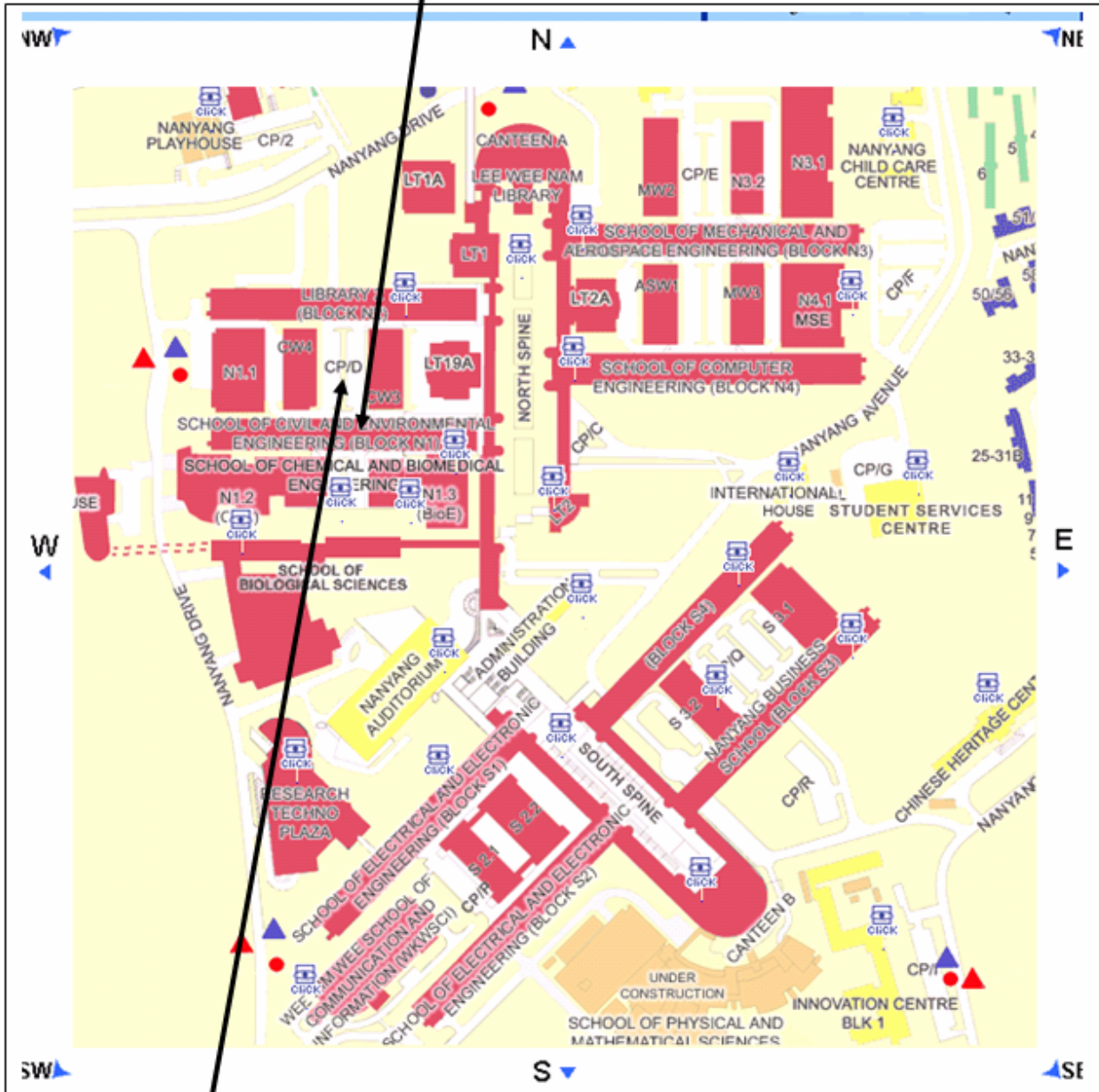
**About the Speaker**

Dr Jian Zhao started his university education in physics at Tsinghua University in Beijing, China in 1978. With a scholarship, he went to the UK in 1979 and obtained BSc (Honour) in civil engineering from the University of Leeds in 1983, and PhD in rock mechanics from the Imperial College London in 1987.

Dr Jian Zhao is currently the Professor of Rock Mechanics and Tunnelling and Director of the Rock Mechanics Laboratory (LMR) in the School of Architecture, Civil and Environmental Engineering, Swiss Federal Institute of Technology. Dr Jian Zhao is an editor of Tunnelling and Underground Space Technology - international journal (UK), a co-editor of GeoMechanics and GeoEngineering – an International Journal (UK). He is a Vice-President (2003-2007) of the International Society for Rock Mechanics (ISRM) and was an Executive Council Member (2001-2004) of the International Tunnelling Association (ITA). He is a recipient of the Richard Wolters Prize of the International Association of Engineering Geology and the Environment (IAEG) in 2000, the Cheung Kong Scholar Program Award of the Ministry of Education of China in 2000, and the Prestigious Engineering Achievement Award of the Institutions of Engineers Singapore (IES) in 2004. In 2006, he was elected to a honorary member of the Singapore Society of Rock Mechanics and Engineering Geology.

## Location Map, NTU

Seminar Venue: BLK N1 (School of Civil and Environmental Engineering), CEE Seminar Room A (Section B of Level B1)



You can park your car at Car Park D (free parking)