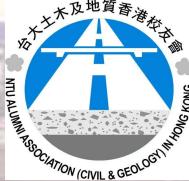


# ***A Half-day Seminar on Development of High Speed Railway in China, Taiwan and Hong Kong***

0900 to 1300, Saturday 18 October 2008 at  
Wei Hing Theatre, City University of Hong Kong

Jointly organised by the NTUAA(CG)HK, Civil and Geotechnical Divisions of HKIE  
and City University of Hong Kong



## SEMINAR PROGRAMME

*Registration*  
0830 – 0900

*Opening Ceremony*  
0900 – 0915

Opening Speech and Introduction of Speakers: Ir. Prof. Andrew Leung, City University of Hong Kong

*Session One:*  
0915 – 1030

Main Lecture 1: *World's First Private High Speed Rail - Taiwan High Speed Rail*

Dr. Tsung-Chung Kao, Professor of National Taiwan University, formerly VP of Taiwan High Speed Rail Corporation

1030 – 1100

Main Lecture 2: *Hong Kong HSR under Planning*

Mr. Frank Yuen, Design Manager for the terminus of the Express Rail Link, MTRC

1100 – 1115

*Coffee Break*

*Session Two:*  
1115 – 1230

Main Lecture 3: *Beijing-Tianjin High Speed Rail*

Mr. Lim Kok Sheng, Executive Project Director of Siemens AG

*Session Three:*  
1230 - 1250

Discussion (to be chaired by Ir Prof. Andrew Leung, Chairman of Civil Division, HKIE)

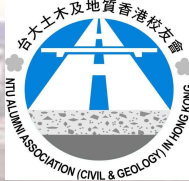
1250 - 1300

Closing remarks and presentation of souvenirs to speakers (by Ir Chan Man, President of NTUAA(CG)HK)

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## **Main Lecture 1 - World's First Privatized High Speed Rail – by Dr. Kao**

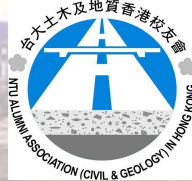
**Programme Highlight:** Taiwan High Speed Rail project is the world's first privatized high speed rail project and the largest privatized transportation project. The project was to construct and to operate a 345 km high speed rail from Taipei to Kaohsiung for a concession period of 35 years. The project commenced in 1998 and the commercial operation began in January 2007. The high speed rail is now serving 94% of the Taiwan population who live along the corridor of the high speed rail. This seminar will review the history of the project's evolving from a government-funded public work to a privatized BOT project. This seminar will report on the management of the project's construction works and the series of changes in the local transportation system that HSR has triggered.

**Speaker:** Dr. Tsung-Chung KAO obtained his first degree in Civil Engineering from National Taiwan University in 1971, and his Ph.D in Geotechnical Engineering from University of California, Berkeley in 1977. He worked in UCB as a research engineer for a year before joining the Woodward-Clyde Consultants in San Francisco working on transportation projects for over 5 years. Dr. Kao returned to Taiwan and became the Vice President of Geotechnical Engineering Department of Moh & Associates in 1983. Dr. Kao has a long history of involvement with the Taiwan High Speed Rail Project. From 1989 to 1993, he was involved in the geotechnical study and detail design of the project. In 1994, he served as the advisor to the Provisional Office of the Taiwan High Speed Rail Project. Since 1997, Dr. Kao has been a member of the Taiwan High Speed Rail Corporation. He served as VP/Project Management, VP/Stations and VP/Construction for the project during the construction period of the project. Since the completion of his duty for the Taiwan High Speed Rail project, Dr. Kao teaches at National Taiwan University on subjects of "Integration Project Management" and "High Speed Rail Engineering".

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## **Main Lecture 2 - Hong Kong High Speed Rail under Planning – by Mr. Yuen**

**Programme Highlight:** The HK section of the Guangzhou-Shenzhen-Hong Kong Express Rail Link will connect HK to the national high speed rail network now under construction in the mainland. The 26km link will be entirely underground and will terminate in West Kowloon at a new station, which will become a major gateway between HK and the mainland.

**Speaker:** With 15 years of experience in MTRC, Mr. Frank Yuen participated in the design and construction of Airport Expressway, Tseung Kwan O Line, Shanghai Line 9, and Shenzhen Line 4. Mr. Yuen is now the Design Manager of the West Kowloon Terminus, overseeing the design of the very complex terminal station of the Guangzhou-Shenzhen-Hong Kong Express Rail Link.

## **Main Lecture 3 - Beijing - Tianjin High Speed Rail – by Mr. Lim**

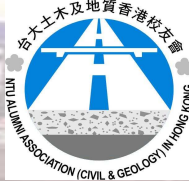
**Programme Highlight:** Beijing – Tianjin High Speed Rail is the very first high speed rail to be built in mainland China. Of significance is that this high speed rail was built as one of the major construction projects for the 29th Olympiad held in Beijing from the 8<sup>th</sup> to 24<sup>th</sup> of August 2008. Designed for the speed of 350 km/h and operation speed of 300km/h with headway of 3 minutes, this high speed rail is only a small fraction of the ambitious plans by China to build at least 15,000 km of high speed rails by the year 2020. Beijing – Tianjin High Speed Rail is 117 km and double tracked, with end stations at Beijing South and Tianjin main railway station.

**Speaker:** Mr LIM Kok Sheng is the Executive Project Director of Siemens AG, overall in charge of all high speed railway projects in China and also Project Director for this very visible and political Beijing – Tianjin high speed rail. With 25 years of railway experience, he has vast knowledge of project management and technically competent in railway matters. Mr. Lim started with the Singapore government in mass transit systems and has been involved in planning & programming, design of railway lines and all line and staff functions within not only government agencies but also in large multinational companies.

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**Registration & Enquiries**

Prior registration is required and the registration fee is HKD\$300 and HKD\$250 for early birds who register on or before 30 September 2008. Complete Standard Reply Form ([http://www.hkie.org.hk/docs/downloads/others/docs/standard\\_reply\\_form.doc](http://www.hkie.org.hk/docs/downloads/others/docs/standard_reply_form.doc)) and payment should be made by one of the following methods:

1. Cheque payable to " NTU Alumni Association (Civil & Geology) in Hong Kong", together with reply form, should be sent to " Unit A, 10/F, Skyline Tower, 18 Tong Mei Road, Mongkok, Kowloon"; or
2. Cash can be deposited directly into Hang Seng Bank account "361-048549-001". Email the scanned image to [chiangyukkui@yahoo.com.hk](mailto:chiangyukkui@yahoo.com.hk), together with reply form.

CPD certificates to the attendants will be available for collection at the exit after the meeting. For enquires, please contact Ir. Dr. SL Chiu of NTUAA(CG)HK (Tel: 2170 6652 or Email: [sl.chiu@maunsell.aecom.com](mailto:sl.chiu@maunsell.aecom.com)) or Ir. David Chang of NTUAA(CG)HK (Tel: 2716 8686 or Email: [dchchang@yahoo.com](mailto:dchchang@yahoo.com)).

**List of Organising Committee**

**Ir. Dr. Andrew CHAN**, Ove Arup & Partners Hong Kong Ltd

**Ir. David CHANG**, Civil Engineering and Development Department

**Ir. Dr. S L CHIU**, Maunsell Geotechnical Services Limited

**Ir. Dr. K C LAM**, City University of Hong Kong

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