

ONE-DAY WORKSHOP

Jointly Organised by ASCE Hong Kong Section and
Geotechnical Division of Hong Kong Institution of Engineers;
Supported by The Hong Kong Polytechnic University

EXCAVATION AND LATERAL SUPPORT

- Date:** 21st of January, 2011 (Friday)
Time: 9:15 – 17:00 (Registration starts at 9:00)
Venue: Chiang Chen Studio Theatre, The Hong Kong Polytechnic University
(*The campus map is attached at the back for your reference)
Language: English

PARTICIPANTS WILL LEARN

- Experiences from senior practitioners in Hong Kong.
- Theories and practice of excavation and lateral support.
- General principles and typical methods for lateral support.
- Methods of analysis and design to C580, a practice guide recommended for use in Hong Kong.
- Lessons learnt through a series of case studies.

TIMETABLE (subject to minor modifications without notice)

9:00 - 9:15	Registration
9:15 - 9:30	Introduction – Jack Pappin
9:30 - 10:30	General principles and typical methods – James Sze
10:30 - 11:00	<i>Coffee and Refreshments</i>
11:00 - 12:30	Design for safety – Ian Askew and David Sein
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 15:00	Methods of analysis and design to C580 – Jack Yiu
15:00 - 15:30	Instrumentation – James Sze
15:30 - 16:00	<i>Coffee and Refreshments</i>
16:00 - 17:00	Lessons from the past – Jack Pappin

ABOUT THE INSTRUCTORS

Jack Pappin, Director, Arup

Having graduated from Adelaide in 1973, and completing his PhD at Nottingham, Jack joined Arup in London in 1980 and moved to Hong Kong in 1993. He has been involved with the design of geotechnical problems with particular emphasis on deep excavations

and foundations especially movement prediction and the development and application of numerical analytical techniques.

James Sze, Associate Director, Arup

James is a Registered Geotechnical Engineer and has extensive experience in the investigation, design, instrumentation and construction supervision for deep foundation and basement excavation projects in Hong Kong as well as in other cities such as mainland China, Korea, Vietnam, Cambodia and Middle East.

Ian Askew, Director, Lambeth Associates

Having graduated from the University of Portsmouth and obtaining a Masters Degree in Soil Mechanics from Imperial College in London, Ian is a Chartered Engineer in the civil and geotechnical disciplines. His experience in Hong Kong extends over 20 years, including design consultancy with Arup and contracting on major projects with Gammon Construction. He is particularly interested in foundation design, engineering soft clays and deep. Ian is an enthusiastic promoter of safety by design.

David Sein, Engineer Manager, Lambeth Associates

David graduated from the University of Melbourne with a Degree in Civil Engineering and in Commerce. He is a chartered engineer in the civil and geotechnical discipline and has lived in Hong Kong for more than 14 years. David has extensive experience in the design and construction aspects of deep excavation projects in Hong Kong and Singapore. He is proficient in the practical application of geotechnical instrumentation and monitoring works as a tool to manage risks during underground construction works.

Jack Yiu, Senior Engineer, Arup

Over the past few years, Jack has been stationed in Hong Kong, Singapore and London office working on various types of geotechnical projects including deep excavation design. He is also actively involved in the geotechnical computer programs development within Arup and handles Buildings Department prior-acceptance approval application for Arup's in-house *Oasys* geotechnical software.

COURSE FEE

HK\$600 each for ASCE/HKIE members;

HK\$700 each for non-members; HK\$600 each for non-members in groups ≥ 2 persons;

HK\$300 each for student members (limited seats).

(Fee includes lecture notes, lunch, tea/coffee and an attendance certificate.)

CERTIFICATE

This course is recommended for one CPD day.

ENQUIRY

Please contact the Course Coordinators :

Dr Limin Zhang (Tel: 2358 8720; Email: cezhangl@ust.hk)

Dr Barbara Siu (Tel: 2766 6061; Email: Barbara.SIU@inet.polyu.edu.hk)

Course Secretariat - ASCEISG, HKUSTCE (Email: asce@ust.hk)

Registration Slip

Please complete this registration slip and return it together with cheque payable to
American Society of Civil Engineers - Hong Kong Section

by post to

Course Secretariat - ASCEISG, HKUSTCE (Email: asce@ust.hk)
Room 3592 (c/o Prof. Limin Zhang), Department of Civil & Environmental Engineering
The Hong Kong University of Science and Technology
Clearwater Bay, Kowloon, Hong Kong

Excavation and Lateral Support on 21st of January, 2011 (Friday)

To: Course Secretariat, ASCE Hong Kong Section (Email: asce@ust.hk)

Name: *(Last name in CAPS)* Mr/Mrs/Ms/Ir/Dr/Prof _____

Office Tel No.: _____ Mobile No.: _____

Email Address: _____ Company Name: _____

ASCE Membership (if applicable): Student / Associate Member / Member *(Please circle)*

ASCE Membership No. (if applicable): _____

Fee paid: HK\$ _____ Enclosed Cheque No.: _____

Bank: _____



Location Plan of Chiang Chen Studio Theatre 蔣震劇院位置圖

