



Hong Kong Section

The American Society of Civil Engineers (ASCE) Hong Kong Section is going to organize another series of Continuing Professional Development (CPD) courses this year. The intent of organizing these courses is to provide selective quality courses at a reasonable cost for the profession. The courses may be used for partial fulfillment of training requirements for graduate engineers, enhancement of technical capability for young engineers, or updating of technical knowledge for experienced engineers. Details of the 1st course of this session are as follows:

- Title: Practical Aspects of Bored Pile and Barrette Construction in Hong Kong
- Instructor: Ir Dr. Albert T. Yeung
- Language: Cantonese
- Date: May 7, 2005, Saturday (8:45 a.m. to 5:15 p.m.)
- Venue: Plaza V, Lower Lobby, Novotel Century Hong Kong, 238 Jaffe Road, Wanchai, Hong Kong
- Cost: \$600 for non-ASCE members and \$550 for ASCE members (include course notes, morning coffee, coffee breaks and attendance certificate)
- Registration: Fill in the your information at the bottom of this form and send it with a cheque payable to "American Society of Civil Engineers - Hong Kong Section" to

Dr. Jun Yang
Department of Civil Engineering, The University of Hong Kong, Pokfulam Road, Hong Kong.

If you need a receipt prior to the day of course, please also send a self-stamped and self-addressed envelope.

The total number of places is limited to 100 and applications will be accepted on a first-come-first-served basis.

Questions: Please contact Dr. Jun Yang at junyang@hkucc.hku.hk.

Course: **Practical Aspects of Bored Pile and Barrette Construction in Hong Kong**

Name:

Company:

Contact address:

Phone:

Fax:

E-mail:

ASCE Membership No.:

Course Description

Most bored piles and barrettes in Hong Kong are designed to found on rock. As a result, the design is relatively simple as the allowable bearing capacity is limited by the values stated in Building Regulations and related government publications. However, there are many practical problems confronting the geotechnical engineer on site. This one-day continuing professional development (CPD) short course is developed to illustrate to young engineers who are interested in foundation engineering some practical aspects of bored pile and barrette construction in Hong Kong including:

- Types and definitions of bored piles and barrettes
- Design philosophy of bored piles and barrettes
- Detailed step-by-step construction procedure of bored piles and barrettes
- Equipment for bored pile and barrette construction
- Integrity testing of bored piles and barrettes
- Difficulties in bored pile and barrettes construction
- Pitfalls in site supervision
- New developments in design and construction of bored piles and barrettes

Slides on various aspects of local bored pile and barrette construction will be shown for illustration and detailed discussion.

Course Schedule:

8:45 a.m. – 9:15 a.m.	Registration
9:15 a.m. – 10:45 a.m.	Lecture 1
10:45 a.m. – 11:00 a.m.	Coffee Break
11:00 a.m. – 12:30 p.m.	Lecture 2
12:30 p.m. – 1:30 p.m.	Lunch
1:30 p.m. – 3:00 p.m.	Lecture 3
3:00 p.m. – 3:15 p.m.	Coffee Break
3:15 p.m. – 4:45 p.m.	Lecture 4
4:45 p.m. – 5:15 p.m.	Discussion and Distribution of Certificates

The Instructor

Dr. Albert T. Yeung is currently an Associate Professor in the Department of Civil Engineering of The University of Hong Kong. He received his BSc (Eng) degree in civil engineering with First Class Honours from HKU, and his MS and PhD degrees from the University of California, Berkeley.

His notable honours and awards include: Peter H.K. Chan Award of HKIE 2001, Samuel Arnold Greeley Award of ASCE 1999, three Texas Section ASCE Civil Engineering Paper Awards (Materials 1996, Geotechnical 1997 and Environmental 1997), Arthur Casagrande Professional Development Award of ASCE 1996, Kumagai Prize of HKIE 1994, Dow Outstanding New Faculty Award of the American Society for Engineering Education 1994, Select Young Faculty Award of the Texas Engineering Experiment Station 1993, Research Initiation Award of the U.S. National Science Foundation 1992-1995, U.S. delegate to China on Cooperative Research in Geotechnical Engineering 1992, the Earth Technology Corporation Fellowship 1987-1989, and the HKIE Prize 1981.

Among many professional commitments, he is serving on the Board of Direction of ASCE Hong Kong Section and the Lumb Lecture Committee of HKU representing HKIE. He is the author or a co-author of more than 90 publications.