



GeoShanghai International Conference 2006 will be held in Shanghai, China on June 6 to 8, 2006. As many prominent academics in geotechnical engineering will be in Hong Kong on their way to Shanghai, the American Society of Civil Engineers (ASCE) Hong Kong Section is taking the opportunity to organize a one-day seminar on "Recent Developments in Foundation Engineering". The objectives of organizing the seminar are: (1) to provide a selective high-quality seminar at a reasonable cost for the profession; and (2) to enrich local engineers' experience and exposure of international experience and practice. The seminar 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.

Title: Recent Developments in Foundation Engineering
Language: English
Date: June 3, 2006, Saturday (8:45 a.m. to 5:15 p.m.)
Venue: City University, Tat Chee Avenue, Kowloon Tong
Cost: \$600 for non-ASCE members, and \$550 for ASCE members (include course notes, coffee breaks and attendance certificate)
Registration: Fill in the enclosed registration form and send it with a cheque payable to "American Society of Civil Engineers - Hong Kong Section" to

Dr. Albert T. Yeung
Department of Civil Engineering, The University of Hong Kong, Pokfulam Road, Hong Kong.

Applications will be accepted on a first-come-first-served basis.

Questions: Please contact Dr. Albert T. Yeung at yeungat@hkucc.hku.hk.

Course: **Recent Developments in Foundation Engineering**

Name:

Company:

Phone:

Fax:

E-mail:

ASCE Membership No. (if any):

RECENT DEVELOPMENTS IN FOUNDATION ENGINEERING

Time	Topic	Speaker
8:30 a.m. – 9:00 a.m.	Registration	
9:00 a.m. – 9:10 a.m.	Welcome	
9:10 a.m. – 10:15 a.m.	Foundation Engineering in Hong Kong – State of Practice	Dr. Albert T. Yeung
10:15 a.m. – 10:30 a.m.	Coffee Break	
10:30 a.m. – 11:30 a.m.	Evaluation of Capacity of Rock Foundation Sockets	Prof. Fred H. Kulhawy
11:30 a.m. – 12:30 p.m.	Foundations in Carbonate Rocks & Karst	Prof. Fred H. Kulhawy
12:30 p.m. – 1:45 p.m.	Lunch	
1:50 p.m. – 3:00 p.m.	Lateral Resistance of Pile Groups and Abutments: Full-Scale Testing and Analysis	Prof. Kyle Rollins
3:00 p.m. – 3:15 p.m.	Coffee Break	
3:15 p.m. – 4:15 p.m.	Axial and Lateral Pile Testing Using the Statnamic Approach	Prof. Kyle Rollins
4:15 p.m. – 5:20 p.m.	Jacked piles – A Comparison of Hong Kong and Overseas Practices	Dr. Victor Li
5:20 p.m. – 5:45 p.m.	Discussion and Distribution of Certificates	

The Speakers

Dr. Fred H. Kulhawy is a Professor of Civil/Geotechnical Engineering at Cornell University. He earned his BSCE and MSCE degrees at the New Jersey Institute of Technology and his PhD at the University of California at Berkeley. He has held staff positions at NJIT, Cal/Berkeley, and Syracuse University, prior to joining Cornell in 1976, and he has been a Visiting Professor at the Universities of Cambridge, Sydney, Hawaii, Hong Kong, Queensland, and Singapore.

His current teaching and research focuses on foundations, soil-structure interaction, soil and rock behavior, and geotechnical computer and reliability applications. He is the author of over 320 publications and has lectured widely, giving over 1140 presentations around the world, including many in Hong Kong.

He has extensive experience in geotechnical practice with several consulting firms, and he has been a consultant for major projects on six continents, with over 400 assignments completed to date. He is registered as a Professional Engineer, Civil Engineer, and Geotechnical Engineer.

He has been cited in 14 different *Who's Who* volumes, and he has received eight major awards from ASCE, including Honorary Membership and the Huber Research Prize, Karl

Terzaghi Award, and Norman Medal. He also has received major awards from ADSC and IEEE Power Engineering Society. In addition to being an Honorary Member of ASCE, he is a Fellow of GSA, Senior Member of IEEE Power Engineering Society, Member of 14 other national and international societies, and an Honorary Technical Affiliate of the ADSC. He was a Fulbright Scholar in 1985 and, at The University of Hong Kong, he was the 1st Maunsell Fellow in 1993 and the Chung Biu Fellow in 2000. In addition to numerous conference keynote and invited lectures in North America, Europe, Asia, Africa, and Australia, he has presented 15 special named lectures within the US, the Cross-Canada Lecture of the Canadian Geotechnical Society, and the Kassiff Memorial Lecture at Technion in Israel. He also is very active in professional societies at the local to international levels, and he has served on and chaired numerous national and international technical committees.

Dr. Victor Li is Director of Victor Li & Associates Ltd. and the Centre for Research & Professional Development. He received his BSc (Eng) degree in civil engineering from HKU, and his PhD degree from the University of New South Wales. He has vast experience in the design of a wide range of foundations in Hong Kong. Moreover, Dr. Li is extremely active in professional activities. He is the Chairman of the Geotechnical Division Committee of the Hong Kong Institution of Engineers 2005-2006.

Prof. Kyle Rollins graduated with a BS in Civil Engineering from Brigham Young University and received a Ph.D. from the Univ. of California at Berkeley working with Prof. Harry Seed. After several years with his father's consulting firm on foundation investigations and earth dam design projects, he joined the faculty in Civil Engineering at BYU in 1987. Prof. Rollins teaches courses on soil mechanics and foundation engineering. His research has focused on deep foundation behavior, geotechnical earthquake engineering and soil improvement techniques for poor soil conditions. He is the author of over 90 journal and technical papers. His research has typically involved full-scale field testing to develop improved design procedures. These studies have included deep dynamic compaction, stone column treatment, large eccentric mass shakers, static testing, and blast induced liquefaction testing. Results from his research were recently used in the design of the longest cable-stayed bridge in North and South America and the redesign of the Oakland-San Francisco Bay Bridge. Awards include the ASCE Wellington Prize in 1996, the ASCE Huber Research Prize in 1999, and the Utah State Engineering Educator Award in 2000. Prof. Rollins and his wife, Judi, are the parents of three daughters, one of which is presently a Civil Engineering student.

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 as the President-Elect the ASCE Hong Kong Section 2005-2006 and Civil Discipline Advisory Panel of the HKIE. He is the author or a co-author of more than 100 publications.