



ANNOUNCEMENT

AGS (HK) Technical Seminar

Cone Penetration Testing - The Use of Soil Behaviour Type (SBT) Charts and the Correlation with Geotechnical Parameters in Soil

by

Ir. Raymond S M Chan

- Date** : 26 November 2020
- Time** : 6:30 pm – 8:00 pm
- Venue** : The webinar will be conducted through Zoom.
Successful applicants will be provided a link to the seminar. Participants should arrange for their own device with a stable network environment to join the webinar.
- Enquiry** : For general enquiries, please contact
Haydn Chan (email: haydn.chan@arup.com)
For Technical Seminar enquiries, please contact agshk.org@gmail.com.
- Seminar Fee** : Free of charge
- Registration** : <https://forms.gle/CqvYPgWEx89HH2Yb8>
Please register by 23th November 2020. Successful applicants will receive webinar details on 24th November 2020. CPD certificate will be sent to the attendees after the webinar.
- Book Prize** : Book prize is open to all young attendants under 35 years old for the submission of a good quality report (max. 500 words) on this event. Book Prize reward comprises a book "Geology of Site Investigation Boreholes in Hong Kong" by Chris Fletcher and book coupon HK\$300 from Joint Publishing (三聯書店). Please send your report to haydn.chan@arup.com.



Synopsis:

The aim of the seminar is to introduce the Soil Behaviour Type (SBT) Charts adopted in Cone Penetration Testing, and its relationship with the physical properties of soil that described by the United Soil Classification System. Besides, the correlation of Cone Penetration Testing and some of the geotechnical parameters in soil like undrained Shear Strength and Standard Penetration Testing, and its application in geotechnical engineering works will also be discussed.

About the Speaker:

Raymond is the Project Manager of Bachy Soletanche Ltd with more than forty years of experience in tendering, project management and technical study for projects. He takes lead in quality control and provide technical support to sites for materials like concrete and bentonite slurry, and he closely liaises with the Research and Development Department of Soletanche Bachy Group in France for technical development and quality control for the local group in Hong Kong. He completed his Diploma at Hong Kong Baptist College in 1980, and subsequently obtained MSc. degree in Construction Management at City University of Hong Kong, and MSc. degree in Applied Geosciences at The University of Hong Kong. He has worked with geotechnical projects in Hong Kong, Southeast Asia and China in ground investigation, directional drilling, instrumentation, piling, ground anchoring, slope greening, site formation, soil and rock grouting, vibroflotation and ground improvement. He has also acted as Geotechnical Engineer, Geotechnical Manager and Quality Control Manager for deep cement mixing and foundation projects. He is currently the Executive Member of Association of Geotechnical and Geo-environmental Specialists (HK), and also acted as the Group Leader of Ground Investigation Working Group of AGS (HK). Besides, he is the Member of the Advisory Committee of HKU SPACE for the High Diploma Course in Geotechnical Engineering from 2020 to 2022. He is also the Committee Member of Site Investigation Contractors' Committee (SIC), and acted as the Vice-Chairman for SIC of Hong Kong Contractors Association (HKCA) from 2015 to 2017. He is an approved Site Agent and Geotechnical Engineer under the List of Approved Suppliers of Materials and Specialist Contractors for Public Works GIFW Category, and the Authority Signatory (AS) of RSC for GIFW Category under Buildings Department. He is also the Editor and Committee Member of Professional Branch of Geological Society of Hong Kong. On behalf of the Society, he joined the Working Group of CEDD for reviewing and updating the GEO Publication: Geoguide 4- Cavern Engineering.