



## ANNOUNCEMENT

AGS (HK) & The Hong Kong Polytechnic University Joint Technical Seminar

### “Innovations in Wireless Monitoring”

by

**Ir. Andy Wong (Digital G, a member of the Gammon Group),**

**Mr. John Anthony Frame and Mr. Calvin Chan (Gammon Construction Limited)**

- Date** : Tuesday, 4 June 2019
- Time** : 6:30 pm – 8:00 pm
- Venue** : Lecture Theatre Y305, 3/F Lee Shau Kee Building, The Hong Kong Polytechnic University (see enclosed map)
- Enquiry** : For enquiries, please contact  
Haydn Chan (email: [haydn.chan@arup.com](mailto:haydn.chan@arup.com))
- Seminar Fee** : Free of charge
- Registration** : No prior registration is required. Seating capacity is provided for approximately 120 people. CPD certificates will be provided after the seminar.
- 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 三聯書店.

#### **Synopsis:**

This seminar discusses the development of geotechnical related wireless monitoring in Hong Kong over the last two decades highlighting the advantages and difficulties of several systems used on projects. Wireless monitoring systems are usually automated but they are not “magic” and therefore it is likely that some practical issues are likely to be encountered when using them on construction sites. Innovative monitoring can help to optimize design, improve control and minimize risk.

With the technological advancement in recent years, wireless monitoring in Hong Kong Construction has been widely adopted and become compelling. It is time to challenge all stakeholders to further improve the risk management and engineering control on projects by specifying such systems in projects.

#### **About the Speaker**

Andy Wong is a chartered civil & structural engineer with 18 years of experience in the industry, involved in design, management and construction operation in infrastructure projects in Hong Kong, including the West Island Line, the XRL West Kowloon Terminus and Tuen Mun CLK Link Viaducts. With his familiarity with the operational requirements and technical issues in the construction industry, he took up the challenge to manage and drive innovation technologies adoption in construction in 2015. In 2018, he started the new digital construction spin-off business for Gammon called Digital G, distributing digital solutions such as sensors and automated site operations to the wider construction industry, as well as working with start-ups on emerging technologies.

John Anthony Frame is a technical leader in Gammon’s instrumentation team. He is experienced in undertaking and managing Geotechnical Works in southern Africa, Hong Kong and Malaysia on a variety



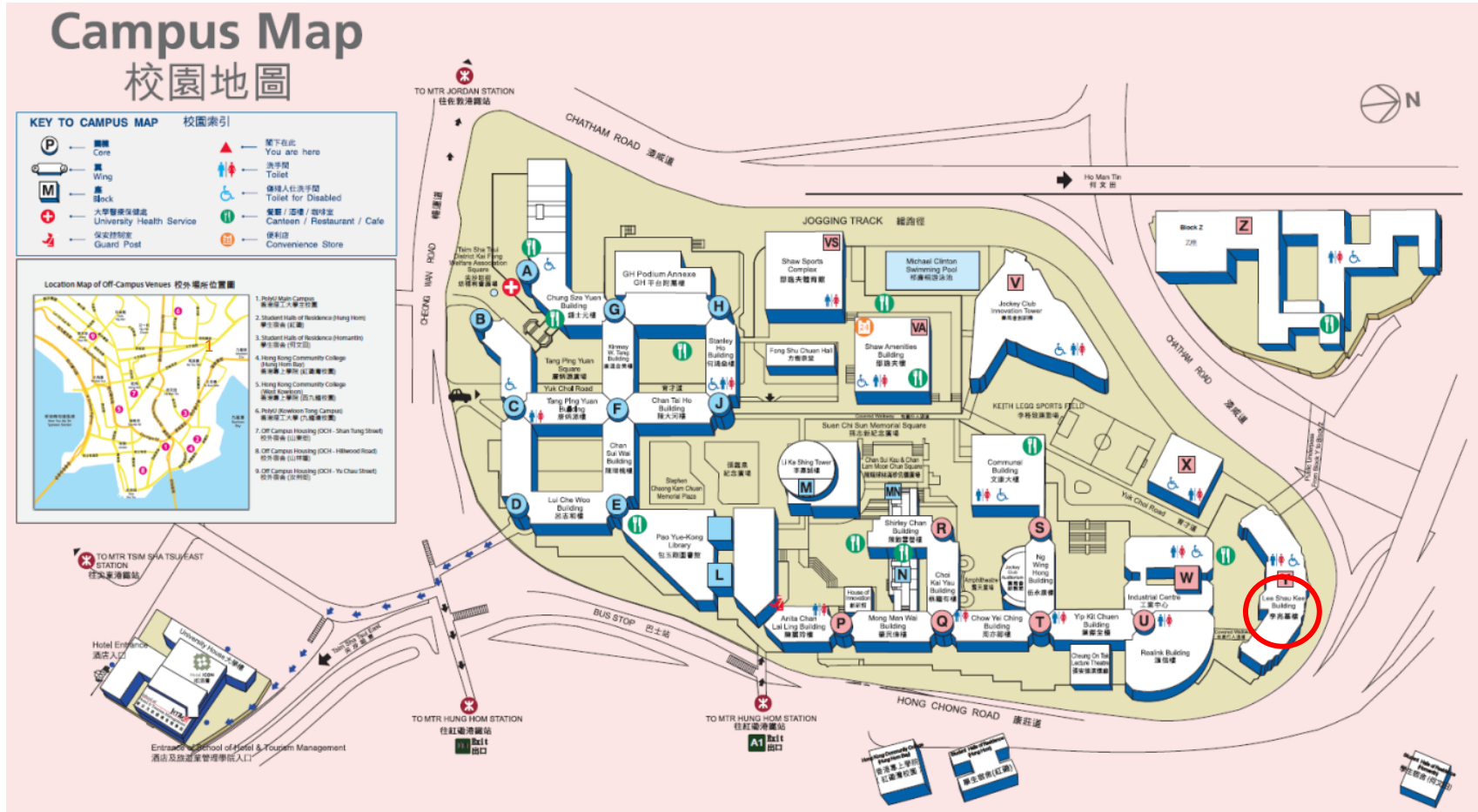
香港岩土及岩土環境工程專業協會  
ASSOCIATION OF GEOTECHNICAL &  
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

Contact Ir Clayton CHAN, Tel.: (852) 3922 8607 Fax.: (852) 3922 9797 E-mail: [Clayton.Chan@aecom.com](mailto:Clayton.Chan@aecom.com)  
Website: [www.ags-hk.org](http://www.ags-hk.org)

---

of projects. Since joining Gammon his responsibilities included a HK\$105 million offshore geotechnical investigation work on the New Kuala Lumpur International Airport, the Gammon Geotechnical Instrumentation Section and Soil, Rock and Chemical Testing Laboratory. During 1999 and 2000 his responsibilities were extended to managing major multi-disciplinary and marine site investigation contracts. Since 2001 he predominantly involved in instrumentation works on major infrastructure projects and real-time monitoring development.

Calvin CHAN is an instrumentation engineer in Gammon's instrumentation team. He managed instrumentation works in projects, with extensive experiences on pilot trials, testing and evaluation of various new instrumentation systems such as wireless sensors in Gammon's civil/foundation projects.



Campus Map, The Hong Kong Polytechnic University