

Date: 11st May 2022

via Zoom online

[Register](#)

# HKABAEIMA Training Centre

## Season 8

### Theme:

# Innovations in openBIM and openGIS

## Class 46

### Part 1

Survey and BIM for Digital Construction

### Part 2

An overview of high accuracy post-processed GNSS-Inertial system and applications, how is it being used in Surveying, Mapping and BIM Industry in Hong Kong



Schedule	Speaker/Moderator
17:45 - 18:00	Reception
18:00 - 18:05	Michael Wong
18:05 - 18:10	Welcome Address - Ada Fung
18:10 - 18:40	Sr T.N. WONG
18:40 - 19:10	Alan Ip
19:10 - 19:15	Q&A

#### Part 1

By witnessing the very beginning stage of integration of surveying and BIM for digital construction, Sr T.N. Wong is going to share rare observation and experience in the adoption of BIM, the reason of the adoption and the difficulties he had gone through over the adoption.

#### Part 2

GNSS-Inertial technology has been available for over 25 years. Since it was integrated with imaging and scanning sensor, it is now an emerging technique in mobile mapping data collection on different platforms. From traditional aerial survey, vehicle based, Unmanned Aircraft System (UAS) and other special application such as backpack and indoor environment, there are a number of key technologies that drive the accuracy in challenging environments such as Hong Kong.

### Speakers' Biography

**Sr T.N. WONG** has made a remarkable contribution to land surveying industry in Hong Kong over 40 years across industry development section, professional institution of surveyors section and education section. The most respectable positions include -

1. Past President of HKIS 1997/98
2. Registered Professional Surveyors (LS) (1984 – present)
3. FIG Vice President (2003 – 2006)

**Alan Ip** has been working for Applanix in GNSS-inertial technology, photogrammetry, survey and mapping and related applications for over 20 years. Graduated from University of Calgary in Master of Science, he has been focused on system engineering by integrating GNSS-inertial technology in mobile mapping applications, including aerial, vehicle based, backpack and indoor environments.

Note:

1. Participation at this training class is free of charge, but registration is required. The registration will close at 3pm on the day.
2. Upon the completion of this class, a 1 hour CPD will be offered at the cost of HK\$ 50 (as a handling charge).
3. The class will be conducted in English.