

**27TH SUTS-IEM EVENING TALK SERIES:
SLOPE MAPPING &
ASSESSMENT USING LiDAR**

*In Collaboration with
Swinburne University of Technology, Sarawak Campus*



MALAYSIA • AUSTRALIA

Date/Day: **20th October 2021, Wednesday**

Time: **7:00pm – 9:00pm**

Fees*1: **FREE (IEM Member & Swinburne Student/Staff/Alumni)
RM20.00 (Non – IEM Member)**

Terms & Condition:

- ***If you are a Swinburne Student/Staff/Alumni, please register with your Swinburne email.***

Registration Link: **[Register Now!](#)**

Meeting Link: ***Link to be issued 2 days before event commences.***

CPD Hours: 2
Ref. No.: IEM21/SWAK/427/T (w)

****1 All registration fees must be FULLY paid before commencement of this activity. Government agencies and Statutory Bodies are required to provide Local Orders. IEM Sarawak Branch reserves the rights to refuse participation of registrant(s) who have not paid their registration fees to attend this activity. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.***

All fees shall be paid via Online Transfer to:

***Account Name: THE INSTITUTION OF ENGINEERS MALAYSIA
Bank: Standard Chartered Bank Malaysia
Account No.: 420-1-5651-8528***

Once payment has been made kindly upload payment proof into the registration form.

Synopsis

Light Detection and Ranging (LiDAR) is a recent innovation in spatial information data acquisition, which allows slope and geological outcrops to be digitally captured with unprecedented resolution and accuracy. With point precisions and spacing of the order of a from a few centimeters to millimeters, an enhanced quantitative element can now be added to geotechnical & geological fieldwork and analysis, opening up new lines of investigation at a variety of scales in all areas of field-based data capture. The cutting-edge multi-target capability enables penetration of foliage, fences, and other obstacles. Field data is presented demonstrating the accuracy of the calibration and the high quality of the georeferenced point cloud. Integration with metric imagery allows 3D photorealistic models to be created for interpretation, visualization and analysis.

Speaker

GS. LIM CHOR SHENG is Managing Director for GPS Lands (M) Sdn Bhd, focusing on Southeast Asia sales and business development of RIEGL Laser Scanner / LiDAR. He obtained his degree in Geography from University of Malaya in 2002. He has about 20 years of experiences in Geospatial and Mapping Industries. His interest is on Laser Scanner solution comprising from Airborne, Unmanned, Mobile and Terrestrial Laser Scanner. He attended RIEGL Worldwide Terrestrial Laser Scanner Training from RIEGL Laser Measurement GmbH in Austria & Unmanned Laser Scanning Training from RIEGL Laser Measurement GmbH in USA. He is also involved in critical Laser Scanner / LiDAR scanning projects in Malaysia and in the region. He is a committee member of Institution of Geospatial and Remote Sensing Malaysia (IGRSM), a member of American Society for Photogrammetry and Remote Sensing (ASPRS), and International Society for Photogrammetry and Remote Sensing (ISPRS).

Tentative Programme

<i>Time</i>	<i>Programme</i>
6:30pm to 7:00pm	Login & Speaker's Introduction
7:00pm to 9:00pm	SLOPE MAPPING & ASSESSMENT USING LiDAR
9:00pm	Evening Talk Ends