

Virtual Presentation on 2021 Tripartite Seminar

ORGANISED BY GEOTECHNICAL
ENGINEERING TECHNICAL DIVISION

BEM Approved CPD/PDP: 3.5

Ref. No.: IEM21/HQ/309/S (w)

**8TH SEPTEMBER 2021,
WEDNESDAY
9AM TO 1PM**

SPEAKERS:

DR NG SOON MIN, IEM

PROF. KEH-JIAN SHOU, CIE

DR CHENG LIU, CIE

MR. CHENG-HSIEN CHANG, CIE

MS. HSIN-CHI HUNG, CIE

Online Registration at www.myiem.org.my or email to sitaisya@iem.org.my

COMMITMENT FEES (SUBJECT TO 6% SST & NON REFUNDABLE)

	ONLINE	NORMAL
IEM Student Member	RM40.00	RM60.00
IEM Graduate Member	RM70.00	RM90.00
IEM Corporate Member	RM 125.00	RM150.00
Non-IEM Member	RM 220.00	RM 240.00

TENTATIVE PROGRAMME

Time	Topic	Presenter
8.55 am to 9:00 am	Opening and Introduction from IEM	-
9.00 am to 9:45 am	Paper Presentation on Development of 3D Subsurface Models for Landslide Investigation using Spatial Interpolation Technique	Dr Ng Soon Min
9:45 am to 10:30 am	Paper presentation on the Landslide Hazard with the Impact of Climate Change in Central Taiwan	Prof. Keh-Jian Shou
10:30 am to 11.15 am	Paper presentation on Design of Protection Measures for Existing Wenhui Line Viaduct Foundation Affected by Deep Excavation of Circle Line Phase 2 Underground Y01 Station	Dr. Cheng Liu
11:15 am to 12:00 pm	Paper Presentation on Geotechnical Designing from the Inside Out- Development of Automation Design Platform and BIM of MRT Geotechnical Engineering	Mr. Cheng-Hsien Chang
12:00 pm to 12:30 pm	Paper Presentation on Application of BIM in Deep Excavation Projects	Ms. Hsin-Chi HUNG
12.30 pm – 1.00pm	Overall Q & A	

This event will be the presentation from papers presenter from Taiwan and also from Malaysia presenting different topic and expertise

SPEAKERS' PROFILE

Dr Ng Soon Min is currently an Assistant Professor in Heriot-Watt University Malaysia. He obtained his B.Eng (Hons) Civil Engineering, MSc Civil Engineering and PhD in Geotechnical Engineering from Universiti Sains Malaysia in 2009, 2012 and 2016 respectively. His research interests focus on three main themes namely geo-disaster, geomechanics numerical modelling and sustainable solutions for infrastructure development. To date, he has published more than 20 peer reviewed articles and has received recognition in international innovation competitions. He is also a committee member for the Geotechnical Engineering Technical Division of IEM (Institution of Engineers Malaysia) since 2018.



Prof Keh-Jian Shou is currently working with Department of Civil Engineering, National Chung-Hsing University, Taiwan (since 1994). He got his Ph.D. degree in Civil Engineering from University of Minnesota, U.S.A. (1993). His specialties include rock mechanics/rock engineering, engineering geology, trenchless technologies, and geohazard analysis.



Dr Cheng Liu currently works as senior engineer in Department of Rapid Transit Engineering, CECI Engineering Consultants, Inc. He graduated from National Chi Nan University, Nantou, Taiwan in Bachelor of Engineering in 2010.



Mr. Cheng-Hsien Chang graduated in Bachelor of Civil and Environmental Engineering in 2010 from National University of Kaoshiung, Taiwan and then furthered study in 2012 in Master of Civil Engineering at National Chiao Tung University, Taiwan. He is currently a Professional Geotechnical Engineer in Taiwan.



Ms. Hung earned her B.S. and M.S. degrees from Civil Engineering Department at National Cheng Kung University, Taiwan, in 2016 and 2018, respectively. Ms. Hung was mainly responsible for site surveys, instrument maintenance, and data analysis until 2019. She then joined Geotechnical Engineering Department of Moh and Associates, Inc. as an engineer.

