

Tripartite Seminar 2026 Program

Date: October 22-23, 2026
Location: Ceasar Metro Taipei

10/22 Day 1 Tripartite Seminar 2026	
08:30-09:00	Registration
09:00-09:05	Welcome Remarks Michael Yang, President of Chinese Institute of Engineers
09:05-09:10	Welcome Remarks Tai-Tien Wang, Chair of Sino-Geotechnics Research and Development Foundation
09:10-09:15	Opening Remarks Liang-Jenq Leu, Chair of Chinese Taipei APECEA Monitoring Committee
	Group Photo
09:15-10:05	Deep Excavation in Taiwan Urban Areas - Status Quo Dr. Hsii-Sheng Hsieh(<i>CIE</i>) Senior Consultant, Trinity Foundation Engineering Consultants, Co., Ltd.
10:05-10:25	Break
10:25-11:15	Hong Kong advancement in deep mixing design Dr. LEE Siew Wei(<i>HKIE</i>) Executive Director, AECOM
11:15-12:05	The Future Geotechnical Engineer Leveraging AI to Enhance Productivity, Strengthen Engineering Judgment and Enable Continuous Upskilling

	Ir. Liew Shaw Shong(<i>IEM</i>) Project Director , G&P Professionals Sdn Bhd.
12:05-13:30	Lunch Time
Tripartite Seminar 2026	
Chair: Chien-Ming Lai	
13:30-13:55	Monitoring Analysis the Effectiveness of Catch Pits and Simulation Test C. J. Jeng(<i>CIE</i>)
13:55-14:20	Improving Natural Terrain Mitigation through Advanced Numerical Debris Impact Assessment and Barrier Performance Evaluation Usman Majeed(<i>HKIE</i>)
14:20-14:45	Maintained Pile Load Tests – To hold or not to hold? C. K. Lee(<i>IEM</i>)
14:45-15:05	Break
Chair: Mr. Jack Yiu	
15:05-15:30	Integrating IoT Technology into Slope Retaining Wall Monitoring and Warning System W. J. Chang(<i>CIE</i>)
15:30-15:55	AI-Enabled Slope Upgrading Works: From Static Archives to Operational Intelligence I.W. Wong(<i>HKIE</i>)
15:55-16:20	Smart and Sustainable Construction Monitoring: A Unified Lightweight Digital Twin Framework for Geotechnical Risk Management W.S. Teh(<i>IEM</i>)
16:20-16:25	Closing
18:00-20:30	Banquet
10/23 Day 2 Tripartite Seminar 2026	
Chair: Ir. Mak Wai Kin	

09:00-09:30	Registration
09:30-09:55	Key Factors for a Success Magnetotelluric Survey and its Application in the Geothermal Exploration L. T. Tong(<i>CIE</i>)
09:55-10:20	Design and Construction for the Largest Rock Cavern in Asia – A Case Study on the Relocation of Sha Tin Sewage Treatment Works to Caverns Franklin K.L. To(<i>HKIE</i>)
10:20-10:40	Break
10:40-11:05	Virtual Island Penang: Towards an Integrated Geotechnical Intelligence Platform Through Multi-Source Data Fusion Kathireen K. Rajamanickam(<i>IEM</i>)
11:05-11:15	Closing Remarks Liang-Jenq Leu(TBD)
11:30-13:00	Lunch Time
Tripartite Seminar 2026 Technical Visit	
13:30-	Departure for Technical Visit