

Short Course 1F (R101)

	Presenter	Company	Presentation topic	Presentation time
Modulus 1 : Innovative Geo-material, Ground Improvement and Construction Technology	Tan, Derek	Nouryon Asia Pte. Ltd., Taiwan Branch	Application of colloidal silica in soil stabilization	30 mins
	Ricky K.N. Wong a	Sanshin Corporation, Japan	Ground Improvement Experience Sharing	60 mins
	Pierre Hofmann	Dextra Holding Services, Thailand	Improvements in deep excavation and urban tunneling methods, through adoption composite material solutions	40 mins
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Modulus 2 : Advanced Application of Numerical Simulation, Big Data and AI	Dr. Zhixiang Liu	Bentley/PLAXIS	Digital Geotechnics: Integrating PLAXIS and Python for Next-Generation Deep Foundation and Tunnel Design	30 mins
	Professor Fuchen Teng	NTUST	Predictions of excavation-induced wall deflections with data-driven methods: Hierarchical Bayesian model with kNN residual correction	30 mins
	Chi-Tam Do	MIDAS	Soil parameter calculation and GTS NX analysis verification	30 mins
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Modulus 3 : Current Development of Monitoring/Instruments and Construction Method	Inaba Yosuke	Kajima Corporation, Jap	Application of one path joint for tunnel segments	30 mins
	Mr. Leo Weixler	Bauer, Germany	BAUER Cutter Technology – A Comprehensive Portfolio for the Future Demands	30 mins
	Dr. Verena Schreine	Bauer, Germany	BAUER Cutter Technology – Projects: from Urban Applications to Unique Demands	30 mins
	Mr. Johnny Huang	Geotech Science Corporation, Taiwan	Application of real-time and IOT monitoring system in deepexcavation and tunneling	30 mins