

Seminar on Underground Utility Survey Based on Nondestructive Testing, Surveying, Imaging and Diagnostic (NDTSID) Approaches cum Consultation Forum

Date: 10 Jan 2019 (Thursday) Time: 09:00 to 17:30
 Admission: Free of charge
 Venue: Room Z207, BLK. Z, The Hong Kong Polytechnic University
 Organizer: Department of Land Surveying and Geo-informatics, The Hong Kong Polytechnic University
 Co-organizers: Hong Kong Accreditation Service (HKAS), Hong Kong Council for Testing and Certification (HKCTC)

TIME	ACTIVITY
09:15 to 09:35	Opening address and update of the ITF project " <i>Development of specifications for Nondestructive testing, Surveying, Imaging and Diagnosis for Underground Utilities (NDTSID-UU)</i> " by Ir Dr. Wallace W.L. Lai, Associate Professor of Department of Land Surveying and Geo-informatics, The Hong Kong Polytechnic University.
09:35 to 10:15 (including Q&A)	Prof. Nicole Metje, Department of Civil Engineering and Director of National Buried Infrastructure Facility, UK <i>Topic: Utility Mapping Standards around the world and why this matters</i> <ul style="list-style-type: none"> - Utility standards in UK, USA, Canada, Australia & Malaysia & developments of an update to PAS128 in the UK - Review of utility strikes (type, causes etc) mainly in UK, but some comparison to USA - Some indication of the economic costs of these.
10:15 to 10:55 (including Q&A)	Prof. George Tuckwell, RSK Environment Ltd., UK * <i>Topic: Subsurface mapping standards and practice in the UK from a practitioner's perspective</i> <ul style="list-style-type: none"> - Application of utility survey standard PAS128, benefits to us and to clients - General approach to survey design and focussing on the client's problem - Technologies for condition surveys
10:55 to 11:10	COFFEE BREAK
11:10 to 11:50 (including Q&A)	Prof. Tom Iseley, Trenchless Technology Center, Louisiana Tech University, Kansas, USA <i>Topic: Underground Utility (UU) Surveying is a Critical Component of Buried Asset Management</i>
11:50 to 12:20	Representative from Hong Kong Accreditation Service, Innovation Technology Commission, HKSAR Government * <i>Topic: How does Accreditation Deliver Confidence in Construction Industry?</i>
12:20 to 14:00	LUNCH
14:00 to 14:30	Ir Dr. Wallace Wai-Lok Lai, Associate Professor of Department of Land Surveying and Geo-informatics, The Hong Kong Polytechnic University. <i>Topic: From touch-based to regular near-surface geophysical survey: the challenges and way forward</i>
14:30 to 16:30	<i>Round table discussion and consultation in parallel session</i>
	Workgroup 2 (Room Z206) Workgroup 3 (Room Z208) Visual inspection and acoustic methods Flow survey and Infrared thermography
16:30 to 17:00	COFFEE BREAK
17:00 to 17:45	Lab Visit- Underground Utility Survey Laboratory