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

On 10 Jan 2019, about 170 participants including different Government departments, utility undertakers, utility surveyors, contractors and HOKLAS labs participated a public seminar cum consultation forum hosted by Ir Dr. Wallace Lai of LSGI. The seminar was delivered by three international renowned speakers Prof. Nicole Metje of University of Birmingham, Prof. George Tuckwell of RSK Environmental Ltd. from the UK and Prof. Tom Iseley of Trenchless Technology Center from the USA, and also Ir Dr. Fiona Chan from Hong Kong Accreditation Services, HKSARG as well as Wallace. Topics are about various aspects of underground utility survey’s technologies and specifications (BSI PAS 128, ASCE 38-02 and HK specifications developed by PolyU) applied in various parts of the world, namely utility’s mapping, leak and void detection, and health monitoring.

The seminar cum consultation is one of the project deliverables in Dr. Lai’s funded ITF project ‘Development of Specifications and Certification Standards for Underground Utility (UU) Survey Based on Nondestructive Testing, Surveying, Imaging and Diagnostic (NDTSID) Approaches’. By July 2020, a set of six specifications and certification standards based on six Non-destructive Testing, Surveying, Imaging and Diagnosis (NDTSID) methods will be developed on six commercially available electromagnetic and acoustic technologies. The initiative of preparing UUS specifications and certification standards, from the perspective of 4M1E (Manpower, Machine, Materials, Methods and Environment) aligning with ISO/IEC 17025, is a pilot in the world that will serve as a reference for other metropolitan cities.” For more information of the project, please see https://www.polyu.edu.hk/lsgi/uusspec/en/. For more information of the activity photo, please see https://www.polyu.edu.hk/lsgi/uusspec/en/news-and-events/gallery.