



香港管綫
專業學會

HONG KONG INSTITUTE OF UTILITY SPECIALISTS

Non-profit Making Organization Incorporated in Hong Kong

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Technical Seminar on “Ground Penetrating Radar - Introduction”

26 January 2011

Event Report

The Technical seminar was jointly organized by Hong Kong Institute of Utility Specialists (HKIUS) and Construction Professionals’ Development Centre (CPDC), funded by the Commerce and Economic Development Bureau of the HKSAR, supported by Hong Kong Institute of Vocational Education (Haking Wong Campus) (HKIVE) was held successfully on 26 January in HKIVE which 30 participants attended the seminar.

With the completion of the guidebooks and pamphlets on the 12 disciplines, a series of technical seminar was being held to disseminate the research result. And seminar on Ground Penetrating Radar Survey was the second of the series.

The Speaker, Mr. Laskowski Wojciech, Project Manager of US Associates Consultants, is experienced in utility surveying using ground penetrating radar.

The seminar highlighted the history, usage, equipment and survey procedures of Ground Penetrating Radar. GPR has been widely used in detecting the geological structure of a region. The technology is employed to detect the underground utilities. Mr. Laskowski explained how the GPR detects the underground utilities and introduced factors that affect the efficiency. Though GPR is capable to read most of the objects buried underground, there are limitations. For example, deeply buried objects, objects in clay soil are difficult for radar penetration. Equipment of different manufactures have its own features and functions. Suitable equipment should be selected according to the project requirements and actual circumstances of the site. Some skills and good practices were also recommended for operation of the survey.

The seminar ended by an interactive question-and-answer session. It gave them insights towards the topic. We specially thanked the speaker Mr. KWOK for sharing his valuable experience.



Attendees are paying attention on the presentation.



A Thank You Certificate is presented to Mr. Laskowski by Mr. Darvin LO, council members of HKIUS as a representative of supporting organization.