

Seminar on “Water Leakage Detection and Control (WLD) for Better Safety Work in Hong Kong”

14th October 2009

Event Report

The Seminar, jointly organized by the Hong Kong Institution of Engineers- Building Services Division (HKIE-BSD), Control, Automation & Instrumentation Division (HKIE-CAD), Safety Specialists Committee (HKIE-SSC), Guangdong Automation Association (Hong Kong) (GAAHK), The Institution of Mechanical Engineers (Hong Kong Branch) (IMEchE(HK)), The Institute of Measurement and Control (Hong Kong Section) (InstMC(HK)), Hong Kong Institute of Utility Specialist (HKIUS), Engineers Australia HK Chapter (EA(HK)), The Society of Operations Engineers (Hong Kong Region) (SOE(HK)), Hong Kong Association of Risk Management & Safety (HKARMS) and the Chartered Institute of Building (Hong Kong) (CIOB(HK)) was held successfully on 14 October 2009 in Hong Kong College of Technology(Causeway Bay) which over 100 participants had attended the talk.

Before the seminar started, Ir Ronald KWONG, Chairman of events committee of the Society of Operations Engineers (Hong Kong Region) introduced the speaker, Mr. Zico KWOK, First Vice President of Hong Kong Institute of Utility Specialists. He has over 15 years experiences with underground utilities inspection, Surveying and Mapping using CCTV, PCL, LNC, GPR, Gas Leak Detector, etc and plot data in GIS.

The seminar highlighted the detection of leaks in water supply mains is not only the job of Water Supplies Department on public supply systems, but is also becoming a routine exercise carried out in private lots as part of the estate management. In some cases, this is actually a requirement of the Water Authority to reduce water wastage. The main objective of a water leakage detection programme is obviously to identify the water leaks locations in a pipeline so that appropriate remedial measures can be taken. Advanced leak detection technologies have been developed in recent years which the efficiency and accuracy of the process is much improved. A successful leakage detection programme requires a great deal of professional input with respect to strategic system monitoring, optimal use of resources to collect data, experienced judgment of valid leak signals, recommendation of further investigation and prioritization of remedial measures. Sometimes there is also a risk of damaging the pipe body in exposing the suspected leaking main for visual inspection.

Finally, the seminar was adjourned by an interactive question-and-answer session and souvenirs were presented to the speakers by the representatives of the supporting organisations.

The seminar was interesting and informative with it successfully delivered the knowledge on Water Leakage Detection and Control to the attendees. It gave them insights towards the topic. Specially thank the speaker Mr. Zico KWOK for sharing his valuable experience and the seminar ended with a round of loud applause.



The seminar attracted a full house of participants



Souvenir was presented to Mr. Zico KWOK by the representatives of the supporting organisations.