

Conference on New Technology for Water Rehabilitation and Utility Management

23 October 2009 (Friday)

09:00 – 12:00

The Auditorium, Hong Kong Science Park, Shatin, N.T.

Event Report

In order to facilitate a platform for policy makers, government officials, consultants, contractors, engineering professionals, utility specialists and researchers to exchange views on up-to-date and advanced technology of water rehabilitation method by spraying, adoption of new Code of Practice of Using CCTV in Hong Kong and ID-Marking for better utility management, a half-day conference was organized by HKIUS, in collaboration with Department of Civil Engineering, Chu Hai College of Higher Education, Department of Civil Engineering, The University of Hong Kong, Faculty of Construction and Land Use, Department of Land Surveying and Geo-Informatics and Department of Civil and Structural Engineering, The Hong Kong Polytechnic University and Hong Kong Science and Technology Parks Corporation and with the support of 10 professional organizations.

The conference successfully fostered discussion on effective utility management and safety from different groups to share their views. 150 engineers, safety practitioners, Government officials, students had attended this meaningful conference.

Ir Damien C.C. KU, President of Hong Kong Institute of Utility Specialists welcomed the participants and kicked off the event. We also had the honour to have the presence of Ir Lee Tak MA, JP, Director of Water Supplies in giving the audience an opening address. He raised four challenges ahead such as to develop pipe diver in checking condition of inside surface; to develop robot based infrared survey condition of water retaining structure; to investigate the adoption of air-piper surface technique to check the condition of slopes and last but not the least, to have geophysical survey to locate the voids underneath. His unique insight on water rehabilitation was inspiring and we also agreed that the exploration and appropriate use of new technology is the right direction towards the holistic goal.

Next, Ir Lee Tak MA, JP presented the souvenirs to the representatives of co-organizers, supporting organizations, sponsors and our honourable

speakers. As a token of thanks, Ir Damien C.C. KU of HKIUS also presented a souvenir to Ir Lee Tak MA, JP.



Ir Damien C.C. KU, President of HKIUS delivered a welcome speech to conference delegates.

Ir Lee Tak MA, JP, Director of Water Supplies gave an opening address on the current water rehabilitation in Hong Kong.

Ir LT MA, JP presented souvenirs to conference co-organizers.

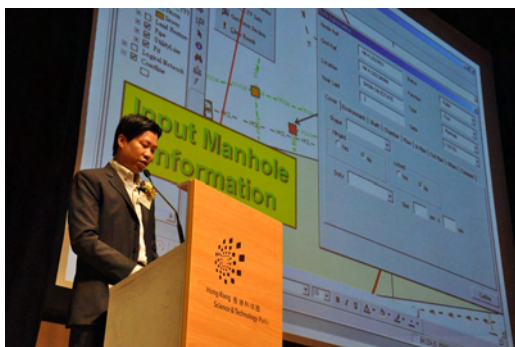


Ir LT MA, JP presented souvenirs to conference supporting organizations.

Ir LT MA, JP presented souvenirs to conference speakers.



Ir LT MA, JP received souvenirs from Ir Damien KU, Mr. Zico Kwok and Mr. Jon Boon.



The conference was begun by the presentation of Mr. Zico Kai-yip KWOK from Hong Kong Institute of Utility Specialists on the topic “The New Technology for Utility Management”. He explained the use of iD marking system for works to save cost and for easy identification and maintenance for better

utility management.

The first speaker, Mr. Zico Kwok gave a detailed presentation on iD marking system.

The conference was continued by Ir Dr. King WONG from Utility Training Institute on the topic “Hong Kong Conduit Condition Evaluation Codes (HKCCEC)- The Code of Practice for Conduit Condition Evaluations using CCTV in Hong Kong and How it will affect the Water Rehabilitation Works”. His emphasis on such code of practice could provide valuable standardising and stabilising influence on the approach to conduit condition evaluation.



Dr. King WONG illustrated the use of conduit condition evaluation codes in water rehabilitation works.

The tea break session in between also provided an opportunity of networking for participants and exhibition of the latest products for utility industry and water rehabilitation.



Tea break session provided a good opportunity for networking and live demonstration by conference exhibitor.

After the tea break, Dr. Mohammad NAJAFI shared his view on the “New Technology for Water Pipe Rehabilitation” in which his presentation included water pipeline problems, design and construction considerations for renewal methods, main characteristics, method description, selection criteria, type of application and new developments in spray-in-place pipe technology using



Polyurea.

Dr. Mohammad NAJAFI updated the conference delegates the latest spray-in-place pipe technology using Polyurea.



Conference delegates listened attentively.

On behalf of the Organizing Committee, Mr. Jon Boon of Hong Kong Institute of Utility Specialists gave a vote of thanks to the guest speakers, sponsors, supporting organizations, and the Conference participants for their unfailing support to HKIUS events. Positive feedbacks were received from both speakers and audience. The conference was successful and ended with a round of loud applause.