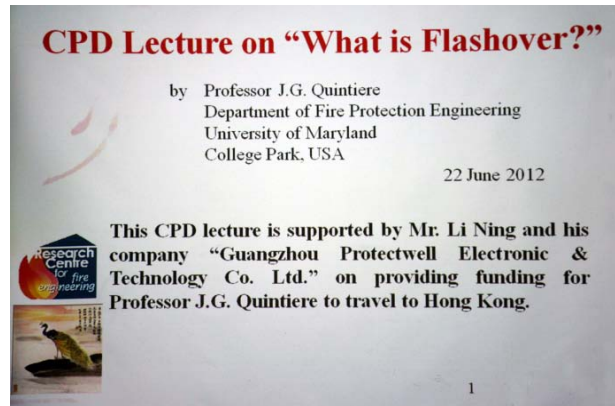


CPD lecture: What is Flashover? on 22 June 2012

The Department of Building Services Engineering (BSE) of The Hong Kong Polytechnic University (PolyU) held a CPD lecture titled “What is Flashover?” on 22 June 2012.



CPD lecture on "What is Flashover?"

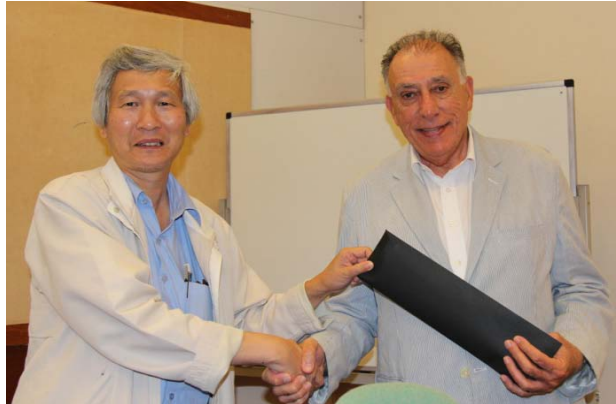
Organized by Professor W.K. Chow and supported by Mr. Ning Li and his company Guangzhou Protectwell Electronic & Technology Company Limited, the CPD lecture on “Flashover” delivered by the visiting guest, Professor James G. Quintiere from the Department of Fire Protection Engineering at the University of Maryland, College Park, had drawn many attendees in the building services engineering profession.



Professor Quintiere delivering his ideas

In the lecture, Professor Quintiere briefed the audience on how “flashover” could be defined and perceived in many ways. The stages of fire growth in a room were explained in detail. Professor Quintiere also shared his insights and observation on “flashover” in terms of mathematical instability governed by radiation feedback from the heated smoke layer of a room. By showing a video illustrating the rapid growth rate that accompanies flashover and how the flames seek air in

the room, Professor Quintiere revealed why flashover is not defined in terms of one smoke temperature. Before the lecture came to an end, there was a lively Q&A session with active involvement.



Presenting souvenir to Professor Quintiere

Professor Quintiere has just retired from the Department of Fire Protection Engineering at the University of Maryland, College Park. He is now an Emeritus Professor. He has over 130 journal publications in areas ranging from the behavior of materials in fire including ignition, flame spread and burning rate to the behavior of fire in buildings including flashover, smoke movement and modeling. His current research includes scale modeling and burning at low pressure and oxygen. He is a fellow of the American Society of Mechanical Engineers (ASME) and the Society of Fire Protection Engineers (SFPE). He received the Arthur P. Guise Award from SFPE in 2006; the David Rasbash Medal from the Institution of Fire Engineers, UK in 2008; and the Kawagoe Gold Medal from the International Association for Fire Safety Science (IAFSS) in 2011.

3 July 2012