

Automation Technology: From Wired to Wireless



Dr Tsang demonstrating the real-life automation for a premier building

On 23rd, Apr 2004, the EN division organized a technical seminar on “Automation Technology: from Wired to Wireless”. The speaker Dr. K F Tsang, Associate Professor, from the Department of Electronic Engineering, of the City University of Hong Kong, gave a talk on the latest development on automated technology.

Dr. K F Tsang, our honorable guest, opened the talk by providing an overview to the automated technology. Dr. Tsang elaborated that building automation had attracted increasingly attention recently and different technologies are available including CEBus, LONWORK, Bluetooth, WLAN, Infrared and WSCTP Protocol (developed by the speaker). For those wired technologies, they are typical low speed in nature, i.e., less than 10 kbps and the main application is for the control of electrical appliance such as air conditioning, lighting, door. As to the wireless technologies, high-speed communication is ready, and noticeable ones include WLAN, Bluetooth, etc. Dr. Tsang then went on to demonstrate the WSCTP Protocol. Audience was shown that lighting and surveillance of a premier building can be monitored and controlled remotely at any real-time. The control can also be done through other handheld device such as PDA, Handset at any time and anywhere.

The seminar ended with a question-and-answer session. Souvenir was presented by our Honorary Secretary, Ir Wilson Chou to Dr Trang to express our sincere thanks for providing such great talk.



Ir Wilson Chou (L), Honorary Secretary of Electronics Division presented the souvenir to Dr Tsang (R)
