

**CPD workshop organized by BSE –  
“Advanced Photovoltaic (PV) System Design and Installation”  
by Ir Professor Anthony Chi Man Sung, on 2<sup>nd</sup> and 3<sup>rd</sup> June 2011**

A 1.5 days CPD workshop by Ir Professor Anthony Sung, Adjunct Professor in the Department of Building Services Engineering (BSE) on *Advanced Photovoltaic System Design and Installation* was held on 2 and 3 June 2011.



Professor Sung smiling during speech

Professor Sung is a Chartered Electrical Engineer (CEng) and a Fellow of the Chartered Institution of Building Services Engineers (FCIBSE) as well as IET (FIET). He is the Chairman CIBSE Electrical Services Group. Professor Sung was invited to be an Adjunct Professor in the department to provide valuable advices into teaching and research in electrical services.



An attentive audience with Professor Sung

On the first day, Professor Sung addressed the contrasting advantages and disadvantages of using different types of Photovoltaic (PV) cell based modules, analyzing from different perspectives, including the suitability of mounting the modules on different positions of a constructed building, the yields of a PV system, system connections, cost of installation and more. Professor Sung also discussed with great detail the huge potential of such systems in reducing carbon emissions and contributing towards energy regulation.

In the latter half of the seminar, Professor Sung focused on the installation, commission, maintenance and troubleshooting of PV systems, emphasizing on economic and safety concerns.



Professor Sung with a PV system of his own design

The workshop provided an informative insight into the fundamental design and installation of PV systems as an effective energy reduction management tool, all the more relevant today in view of the energy shortage crisis which is an increasingly heated discussion topic in the global community.