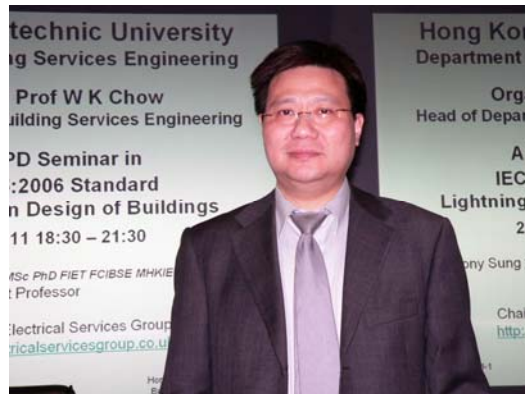


**BSE CPD seminar –  
IEC EN 62305:2006 Standard Lightning Protection Design of Buildings on 29  
March 2011**

A CPD seminar on *IEC EN 62305:2006 Standard Lightning Protection Design of Buildings* was delivered by Professor Anthony Chi Man Sung on 29 March 2011 (Tuesday). This seminar is a continuation of his short course on Lightning Protection Design successfully held in February 2011. The seminar was organized by Professor W.K. Chow.



CPD seminar by Professor Sung

Professor Sung is Adjunct Professor of the department providing expertise on teaching and research in electrical services engineering in the Built Environment. He received a BSc degree with honours in Electrical Engineering from City University, London in 1980; an MSc degree in Modern Electronics from University of Nottingham in 1986 and a PhD in Building Engineering (Electrical Services) from UMIST in 1998. He is the Chairman of CIBSE Electrical Services Group, a Chartered Electrical Engineer (CEng), a Fellow of the Chartered Institution of Building Services Engineers (FCIBSE) and IET (FIET).



Seminar for building professionals



Seminar on Lightning Protection  
Design of Buildings

In the seminar, with the aid of a EN62305 software, Professor Sung explained the risk management calculation and design process, the lightning zonal classifications, the provision of external and internal lightning protection systems, the requirements of earthing and bonding of structural elements, and the need to observe the minimum separation distance to avoid spark-over during a lightning strike.

In particular, a case was explained on how lightning current could indirectly enter into a building even though it was 1,000m away from the structure that was hit by a direct lightning strike. It was emphasized that the building and its electrical installation should be protected against direct and indirect lightning currents by a well designed lightning protection system with external shielding and internal surge protection facilities.

The CPD seminar provided most up-to-date underlying fundamental knowledge and real world examples for architects, facility managers and built environmental engineering professionals.