



High Performance Buildings in Universities and Colleges - The Crucial Role of ICT

30 September 2008, King's College, London

This free workshop is based on two recently published guides to high performance buildings. As well as examining the general features of buildings which deliver all of better user comfort and functionality, energy efficiency and high space utilisation, several of the presentations also focus on the crucial role of information and communication technologies (ICT) within them.

One featured campus is that of Queen Margaret University, which recently gained the highest ever BREEAM rating for an HE building, and has reduced its space requirements by 35%. One reason for this is a near 100% thin client infrastructure (which, by eliminating many PCs, allows natural rather than mechanical ventilation). A second featured campus is Ave Maria University, a new institution in Florida which has Internet Protocol (IP) based building services, and a combined Facilities and IT department. This has created significant space, cost and energy savings ([see details](#))

The workshop has been organised in conjunction with a separate 'London Leaders' evening event (and drinks reception) on 'The Sustainable Estate'. See overleaf for booking details of both. Our afternoon event will be of interest to:

Estates, environmental and other professionals seeking insight into the creation and delivery of high performance buildings;

IT staff involved in building IT specifications, seeking contextual information on building design and implementation.



Provisional Agenda

- 12.45 – 13.15 Registration and refreshments
- 13.15 – 13.30 High Performance Buildings in Universities and Colleges – An Overview
Peter James, Professor of Environmental Management, University of Bradford
- 13.30 – 14.20 Case Study – The UK’s Greenest and Most Space Efficient HE Building?
Steve Scott, Director of Estates, Queen Margaret University
- 14.20 – 15.10 Case Studies - High Performance Buildings in the Commercial and Public Sectors
Ken Gray, Consultant, Performance Building Partnership
- 15.10 – 15.35 Refreshments
- 15.35 – 15.50 Intelligent Buildings – An Overview
Derek Clements-Croome, Professor of Construction Engineering, University of Reading, and Chair, CIBSE Intelligent Buildings Group
- 15.50 – 16.40 An Intelligent Campus at Ave Maria University, Naples, Florida
Bryan Mehaffey, Vice President of Technology and Systems
- 16.40 – 17.10 Case Study – Refurbishment of the King’s Building, King’s College (followed by optional tour 17.10-17.40)
Ian Caldwell, Director of Estates, King’s College

There is no charge for the event. As we expect the event to be very popular, cancellations after September 24th, and no shows that are not due to illness, will be charged at £100. Please book the afternoon event via Abigail Weaver at aweaver@eauc.org.uk. Contact keith.mcintyre@kcl.ac.uk for details of the evening event.