

The problems related to low carbon buildings, their design, operational performance, and the future challenges will be discussed at this symposium organised by IBPSA-England, CIBSE School Design Group, CIBSE Natural Ventilation Group and The Bartlett at University College London.

Low Carbon Buildings Symposium: Design, Operational Performance, and the Future Challenges

Date:
07th July 2008

Venue:
University College London, Wilkins Building, The Old Refectory (conference room) and Haldane Room (exhibition room)

PROGRAMME AND LIST OF CONTRIBUTIONS

09:30 - 10:00 Registration, coffee, exhibition (Haldane Room)

Opening Session:

10:00 - 10:10

Low Carbon Buildings - Motivation and Objectives

Ian Ward, Immediate Past Chairman of IBPSA-England, University of Sheffield

10:10 - 10:20

Welcome to UCL

Professor Tadj Oreszczyn, Head of the Bartlett School of Graduate Studies, University College London

Session A: Design challenges of the 21st century

Room: The Old Refectory

Chairman: Professor Jonathan Wright (Loughborough University)

Co-chairman: Dr Mikkel Kragh (ARUP)

10:20 - 10:50

Keynote 1: Development of New Summer Design Years for London: a 21st Century Challenge

Dr Jake Hacker, ARUP

10:50 - 11:15

The Future Development of the Part L and Part F - regulations for low carbon buildings

Professor Bob Lowe, Professor of Energy and Buildings, University College London

11:15 - 11:40

Sustainable Cities: Options for Responding to Climate Change Impacts and Outcomes (SCORCHIO)

Professor Steve Sharples, Head of Environment and Sustainability, University of Sheffield

11:40 - 12:05

Development of a Local Urban Climate model and its application to the Intelligent Development of cities (LUCID)

Professor Mike Davies, Professor of Building Physics and Environment, University College London

12:05 - 13:00 Lunch and exhibition (Haldane Room)

Session B: Design Approaches for Non-Domestic Low Carbon Buildings

Room: The Old Refectory

Chairman: Dr Malcolm Cook (De Montfort University)

Co-Chairman: John Palmer (Faber Maunsell)

13:00 - 13:30

Keynote 2: Design for Non-Domestic Low Carbon Buildings

Professor Kevin Lomas, Institute of Energy, De Montfort University

13:30 - 13:55

Low Carbon Architecture (provisional title)

Professor Brian Ford, Nottingham University

13:55 - 14:20

Design Work on Low Carbon Buildings at Hilson Moran

Matthew Kitson, Head of Building Performance Group, Hilson Moran, London

14:20 - 14:45

Designing Low Carbon School Buildings

John Palmer, Director of Building Research, Faber Maunsell, Chairman of CIBSE School Design Group)

14:45 - 15:10 Tea break and exhibition (Haldane Room)

Session C: Post Occupancy Evaluation of Buildings

Room: The Old Refectory

Chairman: Paul Eslinger, White Young Green

Co-Chairman: Gordon Hudson, Mott MacDonald

15:10 - 15:40

Keynote 3: Approaches to Post Occupancy Evaluation of Buildings
Rod Bunn, BSRIA

15:40 - 16:05

Facility Management: Heelis Building
Nick Hudleston, NVS Division Manager

16:05 - 16:30

Discover the Secret of Hidden Heat Loss - Stamford Brook Project
Professor Malcolm Bell, Professor of Sustainable Housing, Head of the Centre for the Built Environment, Leeds Metropolitan University

16:30 - 16:55

Post Occupancy Evaluation of the Frederick Lanchester Library at Coventry University
Dr Birgit Painter, Senior Research Fellow, Institute of Energy, De Montfort University

16:55 - 17:10

Closure
Dr Malcolm Cook, Chairman of IBPSA-England, De Montfort University

REGISTRATION:

Registration fee to cover costs of refreshments and speakers: £35

To register, please complete the following form and return with your cheque (payable to University College London), by 05th July 2008, to:

Dr Dejan Mumovic
The Bartlett School of Graduate Studies
University College London
1-19 Torrington Place
WC1E 6BT LONDON

Name: _____

Address: _____

Telephone: _____

Email: _____

Dietary Requirements: _____