



Recent Achievements and Events

04 December 2003

NUS To Host Healthy Buildings 2003 Conference

The Department of Building, National University of Singapore (NUS) will host a major international conference Healthy Buildings 2003 (HB2003) at the School of Design and Environment, NUS from 7-11 December 2003. Convened for the first time outside its traditional European-American circuit, HB2003 signifies the international recognition that healthy buildings and indoor environments are as much needed and desired in the developed and developing worlds, across all climatic regions. The conference will be opened by Guest-of-Honour, Mr Matthias Yao, Senior Minister of State, Prime Minister's Office & Deputy Secretary-General of the National Trades Union Congress on Sunday 7 December 2003 at 4.30 pm at the University Cultural Centre, NUS.

The conference is held in collaboration with the International Society of Indoor Air Quality and Climate (ISIAQ), a multi-disciplinary and scientific non-profit organization, which supports the creation of healthy, comfortable and productive indoor environments by advancing the science and technology of indoor air quality and climate. ISIAQ also facilitates international and interdisciplinary communication and information exchange and cooperates with government and other agencies with an interest in the indoor environment.

HB2003 provides a unique opportunity for some 400 scientists, practitioners and policy makers to convene, discuss and share their latest findings and thinking on healthy buildings. It continues the work achieved by its predecessors in recognizing emergent issues and focusing on developing practical solutions based on rigorous scientific explorations and information.

The focus of HB2003 is Energy-Efficient Healthy Buildings and the keynote addresses will be along the following five conference themes:

- Theme 1 : Science of Indoor Air Quality (IAQ) parameters
- Theme 2 : Materials, systems and technologies for healthy buildings
- Theme 3 : IAQ and human response
- Theme 4 : Practice and implementation issues in creating healthy buildings
- Theme 5 : Issues of healthy buildings and energy efficiency in the developing countries

The Plenary Lectures and speakers are:

Speaker	Affiliation	Title of speech
Professor PO Fanger	International Centre for Indoor Environment and Energy, Technical University of Denmark, Denmark	Providing Indoor Air of High Quality: Challenges and Opportunities
Professor JD Spengler	Harvard School of Public Health, Harvard University, USA	Recent Advances in Indoor Air Quality Assessment

Dr PM Bluysen	TNI Building and Construction Research, The Netherlands	EcoSpace: Healthy, Comfortable, Safe, Smart and Sustainable Spaces for the People of Europe
Mr H Levin	Building Ecology Research Group, USA	Designing for People: What Do Building Occupants Really Want?
Professor L Morawska	Queensland University of Technology, Australia	How Land and Urban Development can make Houses Healthier
Professor BW Olesen	Wirsbo-VERTA GnbH & Co.KG, Germany	International Standards for the Indoor Environment
Dr Ooi Peng Lim	Ministry of Health, Singapore	SARS and the City : Emerging Health Concerns in the Built Environment of Singapore
Professor O Seppanen	Helsinki University of Technology	Healthy Buildings – From Science to Practice
Professor KR Smith	University of California, Berkeley, USA	Global and Regional Burdens of Disease from Poor Household Fuels and Ventilation
Professor S Tanabe	Waseda University, Japan	Productivity and Fatigue
Professor D Wyon	International Centre for Indoor Environment and Energy, Technical University of Denmark, Denmark	Evaluating Indoor Air Quality Effects on People

Almost 400 papers are published according to the five themes of the conference. The majority of the papers presented at HB2003 will relate to the study of fundamental issues of indoor contaminants including thermal comfort aspects in Theme 1. Another one-quarter will provide an insight into practical solutions across different climatic conditions in Theme 2. Environmental health related studies that impact upon occupant perception and work performance which are presented in Theme 3 also constitute a considerable number of papers.

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