The 2nd Malaysia University - Industry Green Building Collaboration Symposium (MU - IGBC 2018)

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ENERGISING GREEN BUILDINGS

8th May 2018 (Tuesday) . Puri Pujangga, Universiti Kebangsaan Malaysia (UKM)

About MU-IGBC 2018

The 2nd Malaysia University-Industry Green Building Collaboration Symposium (MU-IGBC 2018) is the second symposium organised by the Malaysia Green Building Confederation (MGBC) after its inaugural edition held in early 2015. During the 2015 edition, various research areas that were undertaken in the academia setting and research needed by the industry have been determined. However, it is pertinent for researchers in one field of study to be connected to the relevant industry players (and vice versa) in order for the research to have strong value propositions and to be industry relevant.

With the central theme "Energising Green Buildings", the MU-IGBC 2018 is programmed not only to promote the green building industry to the relevant stakeholders and society at large, but also to a certain degree, support its realisation by accommodating the right avenues and platforms for university-industry collaboration to nurture and grow

Aim and Aspiration

Therefore, for the MU-IGBC 2018, the aim is to promote 'real' research partnership between researchers at universities and their relevant counterparts in the industrial setting. by doing so, it is aspired that the symposium will foster a conducive ecosystem for this strategic collaborative research to nurture and grow; hence, creating a vibrant and resilient green building industry in Malaysia.

Register Now!

Visit www.muigbc2018-mgbc.com to register.

Registration Fees (Inclusive 6% GST)

HRDF Claimable

Academics*	Industry	Students
RM 400	RM 800	RM 200

Discount of RM100 for MGBC Members.
*Additional discount of RM50 for Collaborating Institutions (Academics only).

8 Sub-Themes

1. Theory, Technology and Practice of Green Building
2. Smart and Digital Technologies of Green Building
3. Building Information Modelling (BIM) and Energy Simulation
4. Indoor and Outdoor Environmental Quality
5. Green Building Materials
6. Renewable Energy Application in Buildings
7. Energy Efficient Building
8. Low Carbon Community

Benefit of Attending the MU-IGBC 2018

- Gain better insight into green building collaborative research from international and local speakers.
- Network with 100+ international & local green building professional and researchers.
- Earn CPD points from participating professional organisations.

ORGANISED BY

MGBC RESEARCH COMMITTEE

Established Member of the World Green Building Council

COLLABORATING INSTITUTIONS

UPM Universiti Putra Malaysia

Universiti Kebangsaan Malaysia The National University of Malaysia

SERI Solar Energy Research Institute

CARe Centre for Advanced Research on Energy Universiti Teknikal Malaysia Melaka

University of Reading Malaysia

MGBC PLATINUM PARTNER

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Keynote Speaker Highlight

Ir. Tang Chee Khoay

Honorary Secretary
Malaysia Green Building Confederation

Ir. CK Tang provides consultancy in the development of sustainable building. He is one of the pioneers of energy efficiency and building performance simulation in the region. In addition, he has written numerous technical papers, published books and guidelines, and developed software for the design of sustainable building. Many of the energy efficient demonstration buildings in Malaysia have been designed and fine-tuned by him. These buildings are among the world's most efficient buildings in the tropics today with real proven performance.

For the past 20 years, he has worked with international organisations which include DANIDA (Danish International Assistance), UNEP, UNDP and UNRWA on green building projects in Malaysia, Vietnam, Indonesia and Jordan.

Ir. CK is the Honorary Secretary of Malaysia Green Building Confederation and proprietor of CK@Work Sdn Bhd, and is looking at ways to improve and accelerate sustainability in the building industry for tropical climate

Professor Wong Nyuk Hien

Vice Dean (Research)
School of Design and Environment
National University of Singapore

Prof. Wong is currently the Vice Dean for research and Professor at the School of Design and Environment, National University of Singapore, is one of the most prominent and leading academia within the urban and built environment industry. His key area of expertise include urban heat island, urban greenery and thermal comfort in the tropics. He has been extensively involved in a number of research projects related to Urban Heat Island, urban climatic mapping and greenery as the lead and principal investigator with the various government agencies such as Urban Redevelopment Authority (URA), National Parks Board (NParks), Housing Development Board (HDB), National Environmental Agency (NEA) and Building Construction Authority (BCA). With his vast experience, he has also been constantly invited to serve in various advisory committees both locally and globally.

He is currently the chair of the Singapore Building and Construction Authority (BCA)'s Green Mark Sub-committee on ventilation simulation and has been the President of the International Building Performance Association (Singapore Chapter). Prof Wong has written 15 books/book chapters and published more than 500 international referred journal and conference papers in these related fields.

Keynote Speaker Highlight

Prof Dato' Dr. Kamaruzzaman Sopian

Director
Solar Energy Research Institute
Universiti Kebangsaan Malaysia (UKM)

Prof. Dato' Dr. Kamaruzzaman Sopian obtained his BSc in Mechanical Engineering from the University of Wisconsin-Madison in 1985, MSc in Energy Resources from the University of Pittsburgh in 1989 and PhD. in Mechanical Engineering from the Dorgan Solar Laboratory, University of Miami in 1997. He is presently the Professor in Renewable Energy and Director of the Solar Energy Research Institute, Universiti Kebangsaan Malaysia (National University of Malaysia). He has been involved in the field of renewable energy for more than 30 years. His main contributions are in advanced solar photovoltaic systems (grid-connected photovoltaic, solar powered regenerative fuel cell, solar hydrogen production, thin film silicon solar cell), advanced solar thermal systems (solar cooling, solar heat pump, solar assisted drying, combined photovoltaic thermal or hybrid collector) and life cycle assessment and optimization of micro-power systems. He has also developed other renewable energy technology such as low speed wind turbine and pico-hydro system. He has published over 600 research papers in journals and proceedings and has delivered keynotes addresses at national and international conferences on renewable energy. He is one of the associate editors of the Renewable and Sustainable Energy Review published by Elsevier. He has undertaken short assignments in about 10 countries for international agencies and programs such as UNDP-GEF, UNIDO, ISESCO and UNESCO related to renewable energy technology. He won several international awards for his academic contributions in renewable energy including the IDB (Islamic Development Bank) S&T Prize 2013, World Renewable Energy Network Pioneer Award 2012, and the ASEAN Energy Awards (2013 - 2016).

Prof. John Connaughton

Head of Construction Management and Engineering
School of the Built Environment
University of Reading

Professor John Connaughton is Head of Construction Management and Engineering in the School of the Built Environment at the University of Reading, and Professor of Sustainable Construction. Prior to joining the University in 2012 John was a Partner in Davis Langdon, one of the world's largest construction cost and project management companies. He joined Davis Langdon in 1985 and came to play a leading role in the development of the firm's Management Consulting group, providing a wide range of consulting services to both public and private sector clients. John has particular expertise in sustainability in construction and the built environment, and in construction management and economics.

John has worked in the construction sector for over 38 years, 30 of which have been spent in management and related consultancy. His involvement in sustainability in construction dates back to the mid-1980s when he was involved in the UK Department of Energy Passive Solar Design Studies Programme. Since then John has been instrumental in the development of Davis Langdon's Sustainability Services, with a particular focus on material resource efficiency and the assessment of embodied carbon in construction. John also led the development of the firm's Environmental Management System (ISO 14001 certified) as well as key initiatives in the areas of learning and training in sustainability. At the University of Reading, John is currently involved in research on energy use in office buildings and on improving collaboration among construction teams.

Professor Connaughton is currently Chair of the Executive Board of the UK Construction Industry Research and Information Association (CIRIA).