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CABE MALAYSIA ANNUAL CONFERENCE 2019

"PATHWAYS TO EXCELLENCE"

DATE: 18TH JANUARY 2019 (FRIDAY)
VENUE: AIAC KUALA LUMPUR MALAYSIA

CPD Points
10 CABE points ,
10 CCD Points ,
8 RISM points ,
10 AIDR points

TOPICS FEATURED IN THIS CONFERENCE:

- UK Performance Standards - "Safer Together"
- Value of Sustainable Buildings via Standards like BREEAM
- MyCREST - A Sustainable Building Rating Tool by CIDB
- How the New AIAC Standard Form of Contract Would Impact The Building Industry
- Fire Engineering- Hackett's Report on the Grenfell Tower
- Durable and Safe Concrete Structures in the Tropic
- Post-Tensioning and IBS: Overcoming Problems Inherent in the Malaysian Building Construction Industry
- Health & Safety - Working at Heights



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ABOUT THE INSTITUTIONS



The Chartered Association of Building Engineers (CABE) is a professional body for building engineers in the United Kingdom and overseas.

Formed in 1925 as the Incorporated Association of Architects and Surveyors, CABE is a leading body for professionals specialising in the design, construction, evaluation and maintenance of buildings. Its members practise across the United Kingdom, Europe, Hong Kong, Singapore, Malaysia and around the World, and work in both the private and public sectors.

CABE provides the prime qualification of Chartered Building Engineer, a title that exactly reflects the professional expertise of members.

The Association was founded with the principal objectives to:

- promote and advance the knowledge, study and practice of each and all of the arts and sciences
- concerned with building technology, planning, design, construction, maintenance and repair of the built environment and the creation and maintenance of a high standard of professional qualification, conduct and practice.
- encourage and facilitate co-operation between the construction professions.

The Association was granted its Royal Charter in 2013.



The Lighthouse Club (LHC) is a non-political organisation that raises money through social activities, to promote good fellowship amongst its members who work in or are associated with the construction industry and to provide charitable assistance to those in need within the construction industry and to their dependents in qualifying cases.

Its motto is the Latin expression "Aliis cum Humanitate", which translates as "Consideration for Others". LHC was founded 61 years ago in the UK with clubs in the Asia Pacific Region in Hong Kong, Bangkok, Kuala Lumpur, Macau, Manila, Singapore, Ho Chi Minh City, Cambodia and Australia. The LHC has over 8000 members globally.

The Lighthouse Club Kuala Lumpur (LHCKL) started in 1994 and has over 120 members today. Besides the social objectives LHC KL's charitable assistance is to provide a fund to support the education and training of young people to enter and progress in the Construction Industry.

CONFERENCE PROGRAMME

- 08:00 - 09:00 Breakfast and Registration
- 09:00 - 09:40 Opening Speeches by CEO of CABE UK, President of Lighthouse Club KL, Director of AIAC
- 09:40 - 09:50 Launching of Conference by President of CABE UK , President of Lighthouse Club KL, Director of AIAC
- 09:50 - 10:20 Keynote address: **"UK Performance Standards- "Safer Together""** by President of CABE UK, David Taylor
- 10:20 - 10:50 COFFEE BREAK
- 10:50 - 11:15 **"Value of Sustainable Buildings via Standards like BREEAM"** by CEO of CABE UK, Dr Gavin Dunn
- 11:15 - 11:40 **"MyCREST - A Sustainable Building Rating Tool"** by CIDB by Ms Emasria Ismail, CIDB Malaysia
- 11:40 - 12:15 **"Hackett's Report on the Grenfell Tower and the future directives of the UK legislative requirements and Construction Industries"** by HG Tay, Vice President of the Institution of Fire Engineering, Malaysia Chapter
- 12:15 - 12:30 PANEL DISCUSSION
- 12:30 - 14:15 LUNCH BREAK
- 14:15 - 15:00 **"How the New AIAC Standard Form of Contract Would Impact the Building Industry- A Practitioner, Legal & Claim Consultancy Perspective"** by Ir. Harbans Singh K.S., Ms Tan Swee Im & Sr. Michael J McIver
- 15:00 - 15:15 PANEL DISCUSSION
- 15:15 - 15:45 COFFEE BREAK
- 15:45 - 16:10 **"Durable and Safe Concrete Structures in Tropics"** by Dr Payam Shafigh
- 16:10 - 16:35 **"Post-Tensioning and Industrialized Building System(IBS): Overcoming Problems Inherent in the Malaysian Building Construction Industry"** by Paul Mullins
- 16:35 - 17:00 **"Health & Safety - Working at Heights"** by Niklas Gustafsson
- 17:00 - 17:15 PANEL DISCUSSION
- 17:15 - 18:00 Closing Address by Chairman of CABE Malaysia Chapter Sr. Isacc Sunder Rajan
- 18:00 - 19:00 Drinks and Networking at the AIAC Pavilion
- 19:00 - 22:00 DINNER - at the AIAC Pavilion

SPEAKER'S PROFILE



David Taylor

BA(Hons) PCABE FCABE MCIAT FIPWS MSPE

David is a Chartered Architectural Technologist, Chartered Building Engineer, and Fellow of the Chartered Association of Building Engineers. In addition, he is also Chairman of the East Anglian Regional CIAT committee and a professional interview assessor for both the Chartered Institute of Architectural Technologists and the Chartered Association of Building Engineers.

David's early career was formed in the design and maintenance offices of the National Coal Board, where he was able to harness his design skills working on a vast array of variable project types before then moving on to specialise in disabled adaptations and conversions for many healthcare organisations plus local and legal authorities, and then on to the inception of David Taylor Associates (UK) Ltd in 1993. He has now been in private practice for over 25 years and, since 1993, the Managing Director of David Taylor Associates (UK) Ltd, based in Kings Lynn Norfolk, which provides Architectural Design and Contract Management services across a broad range of public and private sectors, carrying out numerous projects throughout the UK and Europe and along the way is the recipient of numerous design awards, the most recent being in July 2016.

He has extensive knowledge within the built environment and is passionate about Architectural Technology, Sustainability and life safety values, and has provided past technical design input on some high profile projects throughout his career, and has also acted on a number of occasions as an 'ask an expert' at the Grand Designs show and Exhibition.

David remains proactive in CABE's vision of Developing Professionals, Sharing Knowledge, & Raising Standards and is committed to playing a creative role in its objectives for the benefit of existing members, and encouragement for new member growth. He has an enthusiastic vision for the Association and personal ambition to help develop and promote the Association for the future, which is one driven by pride in being a Chartered Building Engineer.



Dr. Gavin Dunn

BSc (Hons), MSc, PhD, FCABE, C.Build E.

Originally trained as an Architect, Gavin initially practised in North America with a large construction engineering consultancy before returning to the UK to specialise in the energy and environmental performance of buildings in 1998.

Gavin continued to advance this specialism through positions at the Welsh School of Architecture as a researcher within the Centre for Research in the Built environment, the Chartered Association of Building Engineers as a Technical Executive where, amongst other things, he led the Association's research activities and the rollout of Part L 2006 within Building Control, and Elmhurst Energy as Group Operations Director.

In April 2018, Gavin was appointed as CEO at CABE and is responsible for developing the position at CABE by raising the profile of the Association, with a view to increasing its influence with industry and Government in order to have an impact on policy and standards. He is also responsible for promoting the unique role its members have in creating better buildings and safer and healthier communities to improve the environment and economy and further its international reach.

SPEAKER'S PROFILE



Emasria Ismail

B.Sc(Hons) (Civil Eng)UTM, MyCrest Professional

Emasria Ismail obtained her Bachelor (Hons) in Civil Engineering from University Technology of Malaysia (UTM) in 2006. In 2007, she started her career at the Construction Industry Development Board (CIDB) Malaysia as a Manager in the Technology Division handling ICT in Construction and has been in charge on Sustainability Development Program for Construction Industry since 2009.

At present, she is the Manager at the Sustainable Construction Excellence Centre (MAMPAN), leading the Sustainable Building Rating Unit. The Unit champions and promotes environmental sustainability

practices in the construction industry to include developing a sustainable building rating tools and robustly collaborating with strategic partners in the construction industry and working towards high compliance to the environmental sustainability ratings and practices.

She is also a MyCREST Qualified Professional, a registered member of The Board of Engineers Malaysia and the lead auditor of ISO 9001:2000. She has been involved with multiple technical committee and expert group for sustainability program in construction. She has also been involved in the GreenPASS and MyCREST development from the beginning.



Tay Hao-Giang

FI FireE, B.Sc.(Hons), M.Sc. Fire Safety Engineering

Tay Hao-giang is a qualified and experienced Fire engineer. He is a graduate of Heriot-Watt University and a graduate of University of Edinburgh, Scotland with a Master of Science Degree in Fire Safety Engineering.

As the principal fire consultant of Fire Safety Engineering Sdn Bhd, he has over 35 years of experience in fire safety engineering and management. His company provides advice, consultancy service and training to corporate clients with a holistic approach to sustainable fire safety management for business

continuity. His specialties lies in modern practical fire safety concept and strategy in terms of fire risks assessment and management; fire protection; life safety and mass evacuation design; mitigation of fire hazards and fire risks, emergency response planning and management.

Tay Hao-giang is the Past International President and a Trustee and Board of Directors of The Institution of Fire Engineers. He is the current Vice President of The Institution of Fire Engineers Malaysia Branch. Actively involved in Malaysian Standards development for more than two decades, he is a Chairman of technical committee for fire Properties of Building Materials which has developed series of performance-based Malaysian Standards for the fire safety and prevention industry.

He co-authored the technical reference book "Guide to Fire Protection in Malaysia" which is an explanatory guide to Malaysian Uniform Building By-laws. He is one of the panel CPD lecturers for Fire and Rescue Department Malaysia, Malaysia Institution of Architects, The Board of Architects Malaysia, The Institution of Engineers Malaysia, Construction Industry Development Board Malaysia and the Institution of Fire Engineers Malaysia.



Sr. Michael J. McIver

FCIOB, FRICS, MCI Arb, MRISM, Qualified Mediator, Adjudicator

Michael McIver is CEO of Plus Three Consultants, a company of professionals, created to advise and assist organisations within the Construction and Infrastructure Industry on complex commercial and contractual matters. Mike has over thirty years of professional experience with emphasis in the contractual and commercial aspects of building and civil engineering projects.

A Past President and long serving member and sponsor of the Lighthouse Club, a Fellow of the Chartered Institute of Building, panel adjudicator with the Asian International Arbitration Centre, Mike has been appointed expert on numerous construction cases in court and arbitration and regularly sits as adjudicator.

SPEAKER'S PROFILE



Tan Swee Im

LLB Hons (London), Barrister-at-Law (Middle Temple), Advocate and Solicitor of the High Court of Malaya, Dip. Int Arb., FCI Arb, FMI Arb, FAIADR, FCI OB, FMSAdj, FDBF

A Barrister-at-Law from the Middle Temple and an Advocate and Solicitor of the High Court of Malaya, a Fellow of the Chartered Institute of Arbitrators, a Fellow of the Malaysian Institute of Arbitrators, a Fellow of the Asian Institute of Alternative Dispute Resolution, a Fellow of the Chartered Institute of Building, a Fellow of the Malaysian Society of Adjudicators, a Fellow of the Dispute Board Federation an arbitrator, adjudicator and mediator on the panel of the Asian International Arbitration Centre, a qualified adjudicator, a CIDB Accredited Mediator, and holds a Diploma in International Commercial Arbitration.

She is an international arbitrator member of 39 Essex Chambers, based in Kuala Lumpur. She is also a consultant at Tan Swee Im, Siva & Partners, a legal firm that focuses on the construction, infrastructure and energy sectors.

She was in-house counsel for a public listed company and has extensive arbitration experience, and was a key member of the drafting team on the first independent power plants in Malaysia, the KL International Airport, the Malaysia-Singapore Second Crossing projects and many other major projects in Malaysia. Miss Tan is 1 of only 5 lawyers in Malaysia named in Who's Who Legal for practice area of Construction.

Her experience in the construction industry ranges from the procurement strategy stage through to dispute resolution.



Ir. Harbans Singh K.S.

P.Eng CEng Arbitrator Mediator Adjudicator Advocate Solicitor

Ir. Harbans Singh K.S is a Professional Engineer, Chartered Engineer, Arbitrator, Mediator, Adjudicator, Advocate and Solicitor (non-practising). He commenced his career with the Public Works Department, Malaysia before joining an international German engineering consultancy practice with whom he worked locally and then in Koblenz, Germany as a designer, resident engineer and contract administrator.

Later Ir. Harbans served with a local consultancy firm in various professional capacities and is presently domiciled in Malaysia where he is active in construction law and dispute resolution.

He is a regular contributor to "The Ingenieur", the Malayan Law Journal, The Law Review and other professional publications. He is the recipient of a number of awards including Institution of Engineers Malaysia's Tan Sri Haji Yusoff Prize (2001), the Cedric Barclay Award and the Chartered Institute of Arbitrator's Award for the Diploma in International Commercial Arbitration examination (2003).

Ir. Harbans is also the author of a series of four books entitled 'Harbans's Engineering and Construction Contracts Management', co-author of 'The PAM 2006 Standard Form of Building Contract' and 'Construction Law in Malaysia', contributor to 'The Malaysian Standard Precedents and Forms: Engineering & Construction Contracts (Vol.N)' and is a regular speaker at courses, seminars and conferences. His company provides advice, consultancy service and training to corporate clients with a holistic approach to sustainable fire safety management for business continuity.

SPEAKER'S PROFILE



Dr. Payam Shafigh

B.Sc(Civil Eng), M.Sc(Structures), PhD(Structural Engineering & Materials)

Payam Shafigh has received his doctoral degree (with distinction) in Structural Engineering & Materials from the University of Malaya, Malaysia in 2013. He obtained his MSc in Civil Engineering-Structure (2003) and BSc in Civil Engineering (2000) from the University of Mazandaran, Iran.

Currently he is a Senior Lecturer in the Department of Building Surveying, Faculty of Built Environment, University of Malaya. He has more than 50 journal publications in concrete in which 45 are ISI indexed.

He is a reviewer for 70 international journals and conferences and was recognized as the outstanding reviewer for several journals. He has supervised 10 MSc and 4 PhD students and currently, he has 4 MSc and 10 PhD students under his supervision. His research interests include lightweight aggregate concrete, concrete composites, concrete thermal properties, concrete repair and strengthening of concrete structures.

To date, he has the highest research records in "Lightweight Aggregate Concrete" based on Scopus database. This type of concrete is being applied for the national project Terengganu Drawbridge under his design and supervision. He is also involved in several projects in the structural inspection and building audit.



Paul Mullins

BE(Hons) CEng MIEI MStructE IntPE(Irl)

Paul is a chartered civil and structural engineer with more than 17 years of experience in design and consultancy. He received his bachelor's degree in Civil Engineering from University College Dublin in 2000, and was later recognised as a Chartered Civil Engineer by Engineers Ireland, and subsequently as a Chartered Structural Engineer by the Institution of Structural Engineers.

He is also an active member of the International Association of Bridge and Structural Engineering, and is currently the Chair of the Malaysian National Group, where he chaired the Organising Committee for the IABSE conference which took place in April 2018 in Kuala Lumpur.

He began his career in Dublin with Roughan O'Donovan after graduating. Following a stint with Maunsell in Sydney he joined Benaim in London in 2006. Thereafter he moved to Kuala Lumpur in 2010 with RB International. He founded StrucSol PLT in 2016 and also represents the Irish specialist value engineering and post-tensioning company, ClearTech Engineered Solutions in Southeast Asia. Throughout his career he has been involved in the design major infrastructure projects from feasibility and concept stages through detailed design, value engineering and construction completion.



Niklas Gustafsson

Swedish native Niklas Gustafsson's 27 years of construction industry experience in Europe, Middle East & Asia-Pacific, has elevated him to a recognized source of knowledge, information, and practical implementation skills with regards to Working at Height, Construction Industry Safety Best Practices.

He is a frequent speaker at events by Master Builder Association Malaysia, ACOSH Malaysia, Ministry of Manpower Singapore, RTA Dubai as well as Lendlease for more than 20 years. Niklas currently holds the position as Sales and Marketing Director of Dscuff Group.



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