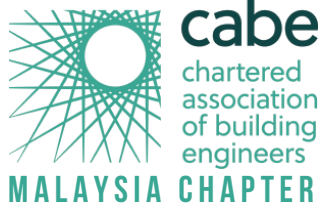


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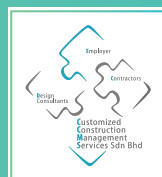


CPD POINTS  
10 CABE POINTS,  
10 CCD POINTS,  
8 RISM POINTS

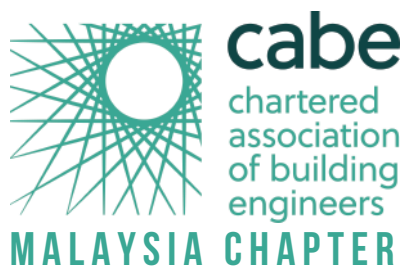
# CABE MALAYSIA ANNUAL CONFERENCE 2020 ACHIEVING PROFESSIONAL EXCELLENCE

17TH JANUARY 2020 | AIAC, KUALA LUMPUR

EVENT SPONSORED BY



## 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 "Alis 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.

## ABOUT THE INSTITUTIONS



**The Asian International Arbitration Centre (Malaysia) ("AIAC")** sits in one of Malaysia's most iconic buildings, Bangunan Sulaiman. Formerly known as Kuala Lumpur Regional Centre for Arbitration ("KLRCa").

Formed pursuant to the host country agreement between Malaysia and AALCO, the AIAC is a not-for-profit, non-governmental international arbitral institution which

has been accorded independence and certain privileges and immunities by the Government of Malaysia for the purposes of executing its functions as an independent, international organization. Given our mandate to serve the region and as an international organization, the Centre has now grown from strength to strength, becoming a niche ADR centre in the world, to take its rightful positioning as the AIAC.

The Centre was the first in the world to adopt the UNCITRAL Rules for Arbitration as revised in 2013 and has its own set of procedural rules which governs the conduct of the entire arbitration proceedings from its commencement to its termination. As a testament to its front-line stance in paving the way for innovation in ADR, AIAC aims to expand its rules to cater to the growing demands of the global business community with the introduction of the AIAC Arbitration Rules, the AIAC i-Arbitration Rules, the AIAC Fast Track Rules and the AIAC Mediation Rules. These rules are kept under constant revision to ensure relevance with commercial practicalities and expectations. The Centre also publishes guides and circulars to facilitate the use of and understanding of its rules.

Apart from the provision of institutional support for domestic and international arbitrator and other ADR proceedings, AIAC offers hearing facilities and ancillary administrative services to tribunals operating ad hoc or under the auspices of another institution. The AIAC is also an official Court of Arbitration for Sports (CAS) alternative hearing centre. In its efforts in capacity building and disseminating information on ADR, the AIAC organizes various courses, training programmes and forums on the different avenues of ADR covering niche areas such as sports arbitration, domain name dispute resolution and Islamic finance to mould and shape the future of the ADR arena.



**Construction Industry Development Board (CIDB)** was established under the Construction Industry Development Board Act 1994 (Act 520) to regulate, develop and facilitate the construction industry towards achieving global competitiveness.

The Board advises the Federal and the State Governments, as well as other stakeholders on matters affecting or connected with the construction industry.

Its objective is to develop the capacity and capability of the construction industry through the enhancement of quality and productivity by placing great emphasis on professionalism, innovation and knowledge in the endeavour to improve the quality of life.

It's vision is to be an esteemed organization that delivers construction excellence in Malaysia.

It's mission is to regulate, develop and facilitate the construction industry by inculcating professionalism in delivering quality, productive and sustainable built environment.



## CONFERENCE PROGRAMME

<b>08:30 – 09:15</b>	Breakfast
<b>09:15 – 09:30</b>	Opening Speeches by Chair of CABE Malaysia, President of Lighthouse Club, Director of Asian International Arbitration Centre and CEO of Construction Industry Development Board (CIDB)
<b>09:30 – 09:45</b>	Launching of Conference and photograph session
<b>09:45 – 10:15</b>	Keynote Address by CEO of CABE Dr. Gavin Dunn - <b>“Current and Unprecedented Challenges facing the construction and property industry”</b>
<b>10:15 – 10:20</b>	Sponsor presentation
<b>10:20 – 10:40</b>	Coffee Break
<b>10:40 – 11:00</b>	<b>“Embracing the opportunities and achieving professional excellence”</b> by Learning, Education & Academic Director of CABE, John Barfoot
<b>11:00 – 11:25</b>	<b>“Quality Standards via Construction Industry Standards 7”</b> by Sr. Faisal, Head of Quality, CIDB
<b>11:25 – 11:50</b>	<b>“Construction Site Safety”</b> by Aaron Driessen & Ezreen Fazlinda Abdul Malek of Lendlease Malaysia
<b>11:50 – 12:05</b>	Panel Discussion
<b>12:05 – 13:15</b>	Lunch Break
<b>13:15 – 13:35</b>	<b>“Facade Fire Safety in Tall Buildings”</b> by Sreenivas Narayanan , Siderise
<b>13:35 – 14:10</b>	<b>“Lessons learnt from Grenfell Tower Disaster Investigation Report by Judge Sir Martin Moore-Bick”</b> by HG Tay, Vice President of the Institution of Fire Engineers, Malaysia Chapter
<b>14:10 – 14:40</b>	<b>“AIAC Design and Built Standard of Contract”</b> by Ir. Harbans, HKSK Dispute Resolution Chambers
<b>14:40 – 15:05</b>	Panel Discussion
<b>15:05 – 15:10</b>	Sponsor presentation
<b>15:10 – 15:30</b>	Coffee Break
<b>15:30 – 15:55</b>	<b>“Lightweight and High Strength Concrete”</b> by Dr. Payam Shafigh, Senior Lecturer of University of Malaya
<b>15:55 – 16:20</b>	<b>“Structural Protective Applications”</b> by Dr. Sudharshan, Chair of American Concrete Institute Malaysia Chapter
<b>16:20 – 16:45</b>	<b>“Improving Rail Asset Management – Global lessons”</b> by Stefan Sanders of Arup Malaysia
<b>16:45 – 17:15</b>	<b>“Project Management - An Oil &amp; Gas experience”</b> by Abraham Klok of Pro Consort, Chartered Building Surveyors & Engineers
<b>17:15 – 17:30</b>	Panel Discussion
<b>17:30 – 17:40</b>	Closing Address by Chair of CABE Malaysia Chapter Sr. Isacc Sunder Rajan
<b>17:40 – 19:00</b>	Drinks and Networking at the AIAC Pavillion
<b>19:00 – 22:00</b>	Dinner at the AIAC Pavillion

## SPEAKER'S PROFILE

### Topic: "Current and Unprecedented Challenges facing the construction and property industry"



**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.

### Topic: "Embracing the opportunities and achieving professional excellence"



**JOHN BARFOOT**  
**LEARNING, EDUCATION & ACADEMIC DIRECTOR OF CABE**

John is a Fellow of CABE, a Chartered Surveyor and Chartered Building Engineer and a Senior Fellow of the Higher Education Academy.

After enjoying 25 years working as a quantity surveyor and project manager and at director level for contractors, developers, private firms and large organisations in the UK and internationally, John left industry to join academia. Initially working in further education, and then transitioning into higher education with a move to Solent University in 2009, where he was Head of Design and the Built Environment.

While at Solent John was responsible for an academic team with over 500 full and part-time students and apprentices.

John developed partnerships with employers, public and private sector organisations, professional bodies and other universities in the UK and overseas. He was Visiting Professor at 2 Chinese institutions, the link tutor of the university's construction management programme in Vietnam and was at the forefront of the university's higher and degree apprenticeship programme development. John has held a number of external examiner roles with UK Universities. More recently at John was the Associate Director of Apprenticeships at the University College of Estate Management John also served on the CABE board for two years.

John is responsible for developing the association's educational offering, along with strengthening partnerships with academic institutions and training providers. And the development of the relationship with the Engineering Council, CIC and other stakeholders in order to have influence over academic and educational issues that will affect CABE members.

### Topic: "Quality Standards via Construction Industry Standards 7"



**SR. FAISAL**  
**HEAD OF QUALITY, CIDB**

Faizal has been with CIDB Malaysia since 2002 and is currently a senior manager of quality division in the technology development section. He earned a Bachelor in Civil Engineering at University Putra of Malaysia (UPM) and later obtained a Master of Business Administration (MBA) at International University of Malaya - Wales (IUMW).

In terms of professional qualifications, he has achieved a long list of achievements which include, licensed deputy public prosecutor for CIDB Malaysia, certified lead auditor for ISO 9001, certified lead auditor for ISO 45001, certified trainer and assessor for Quality Assessment System in Construction (QLASSIC), certified assessor for safety and health assessment system in construction (SHASSIC), certified manager for construction quality assessment system (CONQUAS), and certified manager for construction quality mark program.

## SPEAKER'S PROFILE

### Topic: "Construction Site Safety"



**AARON DRIESSEN**  
**LENLEASE MALAYSIA**

Aaron Driessen is the Construction Manager for Lendlease TRX LQ Retail at the Tun Razak Exchange.

He has 28 years of construction industry experience in various sectors including retail, education, health & sciences, commercial and industrial types of construction.



**EZREEN FAZLINDA ABDUL MALEK**  
**LENLEASE MALAYSIA**

Ezreen is an Academy Manager at Lendlease Malaysia. Together with her team, the Academy provides core EH&S courses, verification of competencies and high-risk modules to upskill contractors and subcontractors.

Outside of work, Ezreen is a part-time aerial yoga instructor. She hopes to one day be able to do aerial yoga at the roof top park of The Exchange once it comes to life.

### Topic: "Facade Fire Safety in Tall Buildings"



**SREENIVAS NARAYANAN**  
**SIDERISE INSULATION LIMITED**

Sreenivas Narayanan ("Sreeni") is the General Manager at Siderise Insulation Limited, in charge of the Middle East and India and Oceania.

Sreeni has over a decade's experience in sales, business development and new market development, majority of which has been in the field of passive fire protection and working in the fenestration Industry since 2013. He has been in the Middle East since 2007 and has a keen understanding of the region, its requirements and regulations.

He has worked extensively with contractors, architects and developers in Middle East, India and Australia, assisting and advising them on matters relating to applicable code compliance and completion of projects. On behalf of Siderise, Sreeni has been instrumental in ensuring successful completion of numerous large-scale system tests relating to external façade assemblies.

Sreeni is a regular participant at various façade and fire-safety conferences and frequently delivers presentations on the subject to industry associates.

## SPEAKER'S PROFILE

**Topic: "Lessons learnt from Grenfell Tower Disaster Investigation Report by Judge Sir Martin Moore-Bick"**



**TAY HAO-GIANG**  
**FIFireE, 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.

**Topic: "AIAC Design and Built Standard of Contract"**



**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

### Topic: "Lightweight and High Strength Concrete"



**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.

### Topic: "Structural Protective Applications"



**DR. SUDHARSHAN**  
**CHAIR OF AMERICAN CONCRETE INSTITUTE MALAYSIA CHAPTER**

Dr. Sudharshan N. Raman, MASCE, MACI; is a civil engineer by training, who specialises in concrete engineering and technology, and structural resilience. He is currently the President of the Malaysian Chapter of American Concrete Institute, and an Associate Professor in Structures and Materials at Universiti Kebangsaan Malaysia. Dr. Raman is also a Committee Member of the Civil & Structural Engineering Technical Division of The Institution of Engineers, Malaysia (IEM); a Council Member of the Concrete Society of Malaysia (CSM); as well as an Associate Member in two ACI Technical Committees (ACI Committee 239 - Ultra-High Performance Concrete and ACI Committee 549 - Thin Reinforced Cementitious Products and Ferrocement).

Dr. Raman completed his PhD at The University of Melbourne, Australia in 2011 with a focus in structural engineering and infrastructure protective technologies.



## SPEAKER'S PROFILE

### Topic: "Improving Rail Asset Management – Global lessons"



#### **STEFAN SANDERS** **ARUP MALAYSIA**

Stefan Sanders is a highly experienced and commercially focussed railway business consultant able to combine strategic thinking with pragmatic implementation advice drawing on his 29 years of experience. He relocated to Malaysia from Arup's London office in 2018. He is an expert in developing strategies; project creation, funding and appraisal; performance improvement and restructuring for railways.

Before moving to Malaysia, Stefan led Arup's UK, Middle East and Africa Rail Business. In the UK his clients included the UK Department for Transport, Network Rail (NR), the Office of Rail and Road (ORR),

Transport Scotland and train operators. Stefan was a Named Independent Reporter from 2009 to 2018 leading an Arup team auditing NR's performance which involved a number of asset management related commissions. He has also advised more broadly on asset management in rail too including a major piece of work to help NR transform its management of Buildings and Civils assets. Stefan has also provided input to reviews of the performance of the UK industry (such as McNulty in 2011), to reviews of on-rail competition and to the calibration of incentive regimes at the interface between track and train.

Since arriving in Malaysia Stefan has been active in the local rail and transport market. He won the delivery of Malaysia's first major asset condition survey for Arup. This major commission for MRT Corporation is nearly complete and reviews the asset condition and wider strategic asset management framework for the Sungai Buloh Kajang MRT line in Kuala Lumpur.

Stefan has worked extensively internationally for over 20 years having advised the Singapore Government on high speed rail and government and private sector clients in the UK, South Africa, the UAE, Oman, Saudi Arabia, Qatar and Kuwait. Earlier in his career, he advised clients in emerging markets working for Governments and Development Banks in Hungary, Romania, the Philippines and Malaysia. Stefan has also advised on major concession contracts internationally and has experience of advising on streamlining railway businesses to enhance productivity and enable business growth.

### Topic: "Project Management - An Oil & Gas experience"



#### **ABRAHAM KLOK** **PRO CONSORT, CHARTERED BUILDING SURVEYORS & ENGINEERS**

Abraham Klok graduated in 1973 as a Civil Engineer of the Polytechnic of Zwolle (HTS) and in 1980 as a Civil Engineer of Delft University (TH).

He has more than 35 years' experience in the oil and gas industry in design, engineering, construction and project management. The projects were related to offshore pipelines, risers, topside piping on platforms, piping on FPSO and subsea installations located in the North Sea, Persian Gulf, South China Sea, Strait of Malacca, Bay of Bengal and Java Sea.

Onshore projects included landfalls of offshore pipelines, slug catchers, onshore pipelines and piping in the district cooling centre of KLCC.

He has worked on the project management teams for international clients such as Total, Shell, Lundin, Talisman, RasGas and on the project management consultancy teams for Petro Vietnam and Brunei Economic Development Board.

Engineering designs were performed for international and local consultants such as RJ Brown and Associates, Bechtel, Technip, Pegasus, RNZ, Kvaerner Petrominco.

He worked for the EPC contractor Sapura Acergy on the deepwater development Kikeh and for the contractor TYCO on the district cooling centre of the KLCC project.

He performed the functions of project manager, QA/QC manager, project engineer, lead engineer, construction engineer, subsea engineer and client representative. He has participated in aspects of engineering such as feasibility studies, front end engineering design, conceptual and detailed design, procurement, construction, pre-commissioning, operation maintenance and repair.

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