

# JUDGING PANEL

This year, we are extremely honoured to receive the invaluable support from the local supporting organisations. An advisory panel was formed by the representatives of local supporting organisations and BIM advisors to discuss and review the selected projects.

## ADVISOR



**Dr. Calvin K. KAM** FAIA, PhD, PE, LEED AP, CCBM  
 Founder and CEO, Strategic Building Innovation - bimSCORE

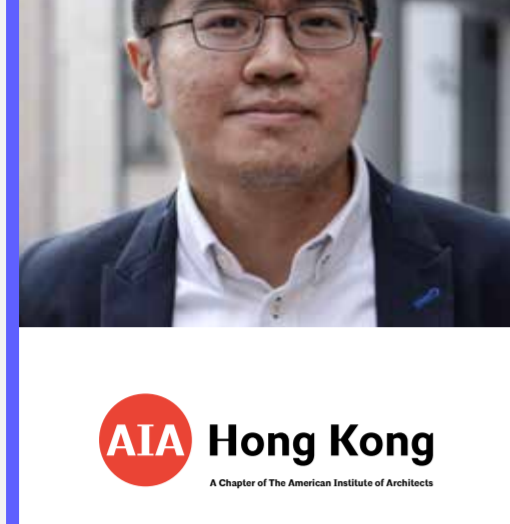
Dr. Calvin Kam is the Founder of Strategic Building Innovation (SBI) and bimSCORE.com - the "GPS Navigator" for any enterprise or project team charting courses for construction innovation. SBI was invited to present and facilitate at both the 2014 and 2015 APEC workshops and to author APEC publications. Dr. Kam teaches undergraduate, graduate, and professional courses and leads research as an Adjunct Professor at Stanford University's Center for Integrated Facility Engineering, where he partners with industry members in areas such as Building Information Modeling, Virtual Design and Construction as well as Smart and Sustainable Developments. Calvin and his SBI global team serve as volunteer leaders, certified training provider, and expert advisors for buildingSMART International as well as a number of chapters including Hong Kong Chapter (HKABAEIIMA). Calvin was a former National Chairman of the Center for Integrated Practice and the Technology in Architectural Practice Knowledge Community (supported by 10,000+ professionals) with the American Institute of Architects, for which he had also served on the Board Knowledge Committee.

Dr. Kam has been working with Construction Industry Council, Development Bureau, English Schools Foundation, Hong Kong Housing Authority, Lands Department, Sun Hung Kai Properties, University of Chicago, Walt Disney Imagineering, etc. In 2011, Singapore government's Building & Construction Authority appointed Calvin as an international expert to advise its construction productivity and BIM roadmap. In 2013, China's National BIM Union and Standard appointed Calvin as the only international Honorary Director to advise the international harmonization and collaboration of its nationwide BIM standards/development. In 2015, Calvin was appointed an Expert Advisor to the Shanghai government's BIM advancement center.

A recipient of various honors/awards including ENR's "20 under 40" and BD+C's "40 under 40", Calvin is a Registered Architect, Professional Engineer, and LEED AP in USA with Ph.D. from Stanford University. Dr. Kam has presented at 100+ industry events/universities across 18 countries and regions and published a number of book chapters and journal publications. Calvin has served as an Expert Advisor of the Autodesk Hong Kong BIM Awards since 2008.



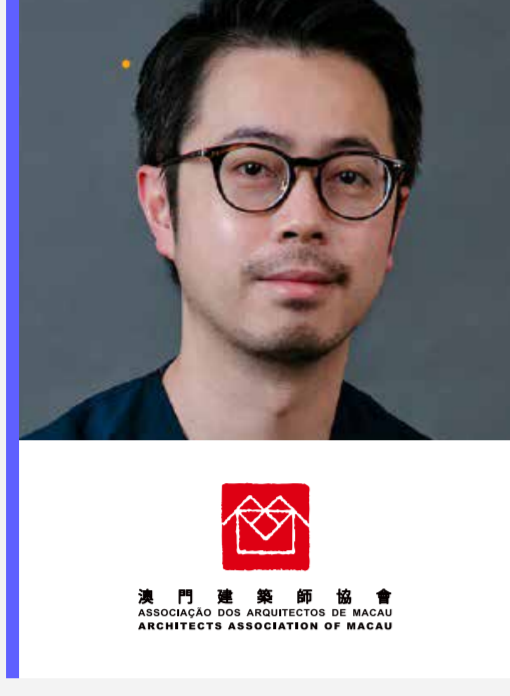
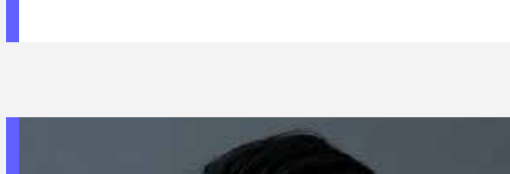
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**Vicky CHAN**  
 Founder of Avoid Obvious Architects, AIA Hong Kong

Vicky Chan founded Avoid Obvious Architects in 2012 with offices in New York and Hong Kong. The firm has been pushing sustainable buildings and cities with focus on combining art with green technology.

Vicky founded a volunteering organization and has taught over 6,000 children about sustainable design and architecture. He believes our future will be brighter if children are more equipped with creative and sustainable thinking. He is serving the AIA Hong Kong Chapter as President 2020. He serves as chair of Walk DVRC in 2021 to promote walkable Hong Kong.



**Ryan LEONG**  
 Director, Board of Directors, Architects Association of Macau

Ryan is an Associate at Rocco Design Architects Associates Limited and a registered architect in Hong Kong and Macau. Ryan has worked on multiple hospitality project including Kerry Hotel Hong Kong, The Peninsula Hong Kong, Renaissance Taipei Shihlin Hotel and Resorts World Genting Macau overseeing design, project management and statutory submissions. Ryan is also a core member of various arts and cultural projects in Hong Kong including the Hong Kong Palace Museum and the East Kowloon Cultural Center. In particular, he served as the BIM architectural discipline leader for the Hong Kong Palace Museum project leading a multi-disciplinary team from design to construction. Ryan has been a Director at the Architects Association of Macau since 2017.



**Froky WONG**  
 Committee member of Autodesk Industry Advisory Board

Froky Y.H. Wong (MSc BSc MHKIBIM CCBM MIET) is a Board Member of HKIBIM and Manager, BIM at Airport Authority Hong Kong. He has obtained a Master's degree in Intelligent Building Technology and Management and 15 years of work experience on BIM implementation, development and management in Architecture, Engineering, Construction and Owner-operated (AECO) projects, i.e. Design and construction projects in Hong Kong, Shanghai, South Korea, Australia, UAE and Qatar. He is also experienced in GIS-based BIM asset maintenance solutions. i.e. Building Information Modelling (BIM) for Digital Engineering, Integrated Project Delivery and Facilities Asset Management solutions. As a passionate BIM Practitioner, he is interested in AECO related Digital Engineering Technologies, i.e. BIM, DFMA, MiC, FM, AM, GIS and Digital Twin. As a Board member of HKIBIM. He engaged himself in BIM development and promotion for the Hong Kong construction industry.



**Simon J GALLAGHER**  
 Director, Chartered Institute of Architectural Technologists, Hong Kong Centre

Simon Gallagher is a director of Hong Kong based BIM consultant Integrated Design Limited. He is a chartered architectural technologist (MCIAT) and current chair of CIAT Hong Kong Centre, professional member of HKIBIM and a CIC certified BIM manager (CCBM) with nearly 20 years of experience in the construction industry, both in the UK and for the last 10 years, in Hong Kong.

He is currently enrolled on an MSc in E-Commerce and Internet Computing at the University of Hong Kong. The course is a comprehensive, interdisciplinary programme designed for business executives, policy and decision makers, managers and information technologists, to equip them with the latest knowledge about technology development and business opportunities in electronic commerce on the Internet.

He enjoys spending his free time with his wife, two daughters and dog, but not necessarily in that order.



**Ar Prof Ada FUNG, BBS**  
 President, Hong Kong Alliance of Built Asset & Environment Information Management Associations

Ar Prof Ada Fung is an Architect by profession. She is Chairperson of CIC's Committee on BIM, Director of Logistics and Supply Chain MultiTech R&D Centre, President of the Lighthouse Club (HK), President of HKABAEIIMA cum Chairperson of buildingSMART International. She is a member of the HKSAR Government's Advisory Council on the Environment, Green Tech Fund Assessment Committee, Advisory Panel on Land Sharing Pilot Scheme, and the Green Council's Advisory Committee of the Hong Kong Green Label Scheme. She is Chairperson of Hong Kong Green Building Council's Organising Committee for the first ever Ideas Competition in Advancing Net Zero in Hong Kong in 2021. Ada is Past President of the Hong Kong Institute of Architects, Former Deputy Director of Housing, Former Director and Board Secretary of the World Green Building Council, and Former Director of the Hong Kong Green Building Council. She has received recognition on various fronts, including the Golden Helmet Award for Safety Leadership in 2012, BIMer of the Year Award in 2014, and International Passive and Low Energy Architecture Award in 2018. Apart from the role as Honorary Professor and Distinguished Fellow in the Faculty of Architecture, she is also serving as Adjunct Professor in the Department of Civil Engineering of the University of Hong Kong.

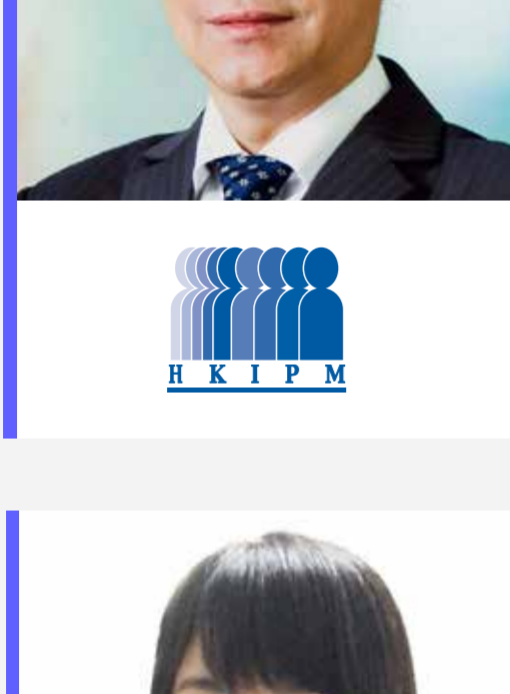


**Ir Henry Cheung**  
 Council Member, Hong Kong Information Technology Joint Council

Ir Henry Cheung was a graduate of the University of Toronto Faculty of Applied Science and Engineering, Division of Engineering Science. He also attained the qualification of Master of Business Administration from Deakin University in Melbourne, Australia.

Ir Cheung has over 30 years' experience in railway engineering, renowned in the local engineering community and global railway industry. He has served in various positions in many professional institutions and has lectured in post-graduate level railway engineering courses.

Ir Cheung is a RPE (CAI, ENS), PEng, CEng, fellow of the HKIE, IRSE, IET, and ITJC, and served in many local and international professional institutions. He is currently the Managing Director of KONE Elevator (HK) Limited.



**Dr Francis CHAN**  
 Chair of External Affairs and Professional Standards, Hong Kong Institute of Project Management

Dr. Chan is an Honorary Fellow and Fellow member of the Hong Kong Institute of Project Management (HKIPM). Fellow member of Chartered Management Institute (UK), Member of Engineering Manager (HK). He serves as Chair of Professional Standards and Accreditation, Chair of External Affairs for the HKIPM, President of the Asia Pacific Federation of Project Management among Asia Pacific Region. He also serves as Chief Judge for the Hong Kong Institute of Project Management Achievement Awards and International Judge for the Asia Pacific Federation of Project Management Achievement Awards.



**Stellar LEUNG**  
 Co-Organizer, Hong Kong Revit User Group

Stellar Leung is an architectural BIM designer with over 8 years of BIM experience, currently working at Simon Kwan & Associates Ltd. Her main responsibilities as a BIM team leader include assisting statutory submissions, managing and developing BIM models. During her career she has worked for contractors working on various projects including residential building, shopping arcade and commercial complex which allows her to facilitate accurate information for construction through BIM application.



**Ir Steven K. H. LAI**  
 Vice Chairman, Institution of Public Private Partnerships

Steven is Chief Executive for Environmental Engineering of ATAL Engineering Group. He is in charge of the Group's environmental engineering operations with core businesses in design, supply, construction, installation, testing and commissioning, operation & maintenance of municipal and industrial pumping stations, water treatment, waste water treatment, solid waste treatment plants and related infrastructure projects. Steven is a pioneer to apply the Building Information Modelling (BIM) for a road tunnel in Hong Kong and for a metro project in Singapore. He is a Vice Chairman in the Institution of Public Private Partnerships (IPPP) to promote Public Private Partnerships (PPP) for the Belt and Road Initiative, and to provide a platform for exchange of PPP information with the ultimate aim to implementing infrastructure development projects in an efficient and sustainable way.



**Mr. Lam Wai Choi**  
 Chair of The Chartered Institute of Building (Hong Kong)

Mr. Lam Wai Choi is the current Chair of Chartered Institute of Building Hong Kong (CIOB HK).



**Sr Daniel SUM**  
 Chairman, The Chartered Institution of Civil Engineering Surveyors (Hong Kong Region)

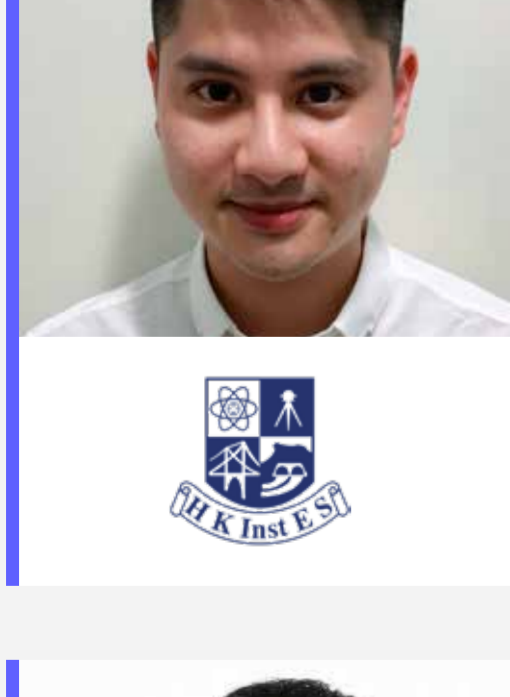
Daniel Sum is the Chairman of Chartered ICES-Hong Kong Region. He is practicing as Chartered Quantity Surveyor, Chartered Builder with an MSc in Construction Management from the University of Bath. Daniel is also a Fellow of the Chartered Institution of Civil Engineering Surveyors, Fellow of Association of Cost Engineers, Fellow of CIOB, Fellow of RICS, Professional Member of HKIS, having acted as an expert witness in the civil engineering and building dispute cases in the arbitration and litigation.

Daniel has over 25 years professional quantity surveying experience and he is now working as the Director with his own consultancy firm, specialising in Quantity Surveying, Expert Witness, Quantification of the Construction Claim, Contract and Project Management Advice, Procurement Advice and his consultancy firm is employed by prominent contractors in both China and Hong Kong for the civil engineering and building projects.



**Guan TING**  
 Honorary Secretary, The Hong Kong Institute of Building Information Modelling

Guan Ting serves the Board of HKIBIM as Honorary Secretary for the term of 2021 to 2023 and is currently with Airport Authority Hong Kong as Senior Manager, BIM, of Third Runway Division responsible for BIM management and implementation of Three Runway System project. Guan is also a Member of CIC's Task Force on BIM Specifications and Agreement. He has more than 18 years of extensive experience and practical knowledge of strategically implementing BIM, digital practice and process change throughout the lifecycle of building and infrastructure projects globally. Guan has lectured at universities, conferences and industry organisations in APAC region. He is passionate in exploring trends, insights and implications of disruptive technologies.



**Michael LEUNG**  
 Head of BIM Affairs

Michael Leung began his career in Land Surveying discipline and migrated to the BIM discipline. Over the years of extensive experiences, he has participated across different phases of project cycle and project management. He now works for the CIC and focus on Standard and Specification preparation and publication, as well as promoting and facilitating the CCBM/CCBC course and accreditation scheme, BIM Uses, CDE, FM/AM, Digital/Twin and other integration solutions to the industry.



**Ir Raymond LUI**  
 Committee Member, The Hong Kong Institution of Engineers (IT Division)

Ir. LUI Wai-Kau Raymond received the BEng (Hons.) and MSc degrees from the Department of Electronic Engineering in Chinese University in 1995 and the Department of Electronic and Information Engineering in The Hong Kong Polytechnic University in 1999 respectively. Ir. LUI I have been a multi-disciplined engineer and have worked for the public in different telecommunication service providers, a government department and engineering consulting firms for more than 20 years for different system integrations, special building service facilities implementations and project management services with different professional qualifications; for example, CEng, MIET, MCIASE, MCIE, CQP, MHWJ by his continuous professional developments and studies, Ir LUI is awarded "Employee Recognition Award" two years (2000 and 2001) in a row from Hong Kong Cable Television Limited.

Ir. LUI worked for AECOM since May 2013 as a Senior Engineer and been promoted as an Associate from July 2014 by the special mid-year promotion arrangement. Then, he took up the roles of the Principal Engineer (Airport System) in Mott MacDonald, Engineering Manager in ATAL respectively. Currently, he works for NCSi (HK) Limited as a Senior Solutions Architect. Before achieving "Secretary's Appreciation" (Civil Service) 2003; "Director's Commendation" (EMSD of HKSAR) 2009 by more than 10 years of service as the Electronics Engineer (Contract) in EMSD, Ir. LUI had worked as a network facilities engineer for major mobile phone companies for four years. Ir LUI was the on-site project manager to design and implement the Integrated Radio System (IRS) in Chek Lap Kok International Airport. This IRS system made all the 11 mobile phone systems on air before the grand opening of the airport, which was the largest IRS in the world. Ir. LUI awarded "Employee Recognition Award" two years (2000 and 2001) in a row from Hong Kong Cable Television Limited.



**Edison LAI**  
 Deputy Vice President, The Macau Institute of Engineers

Mr. Edison Lai has over 20 years engineering work experience, worked for Gaming resort & hotel, Commercial building, government building project, job nature classified as design, construction work, consultant, project management and planning, different kind of civil and MEP, BS special project coordination work.

Responsible for enterprise and company in HR training and professional engineering enhancement education. In the past involved in some government dedicated project to write project guideline in building energy saving and efficiency, environmental construction guideline, the feasible study of the renewable energy application in Macau.

The Deputy Council President and the Director, Engineering Application and education Center of the Macau Institute of Engineers, the first organization to organize and develop the local BIM training course and program since 2016.

