

PARALLEL SESSIONS - TECHNICAL PAPERS
TUESDAY, 27TH AUGUST 2019



Sub-Theme: **LEADING FROM THE FUTURE**

Ref.	Time	Title	Presenter	Country
LF1	11.00am - 11.30am	Transforming the Singapore Built Environment Industry	Khoo Sze Boon	Singapore
LF2	11.30am - 12.00 noon	Modelling Risk Factors Impacting Construction Project Budget Performance in Nigeria	S.U. Gbate, A.M. Bashir & K.J. Adogbo	Nigeria
LF3	12.00 noon - 12.30 pm	Challenges In The Procurement And Costing Of Modular Integrated Construction In Hong Kong	Sr Dr Peter Ng Yau Yee and Sr Dr Mandy Ng Man Yan	Hong Kong, China
LF4	12.30 pm – 1.00 pm	Towards Smart Contracts In the Construction Industry 2030	Assoc Prof Sr Dr Noushad Ali Naseem Ameer Ali, Abhinaw Sai Erri Pradeep	New Zealand
LF5	2.00 pm – 2.30 pm	Workplaces of Future and The Positive Built Workplace Environment - International Towers Sydney	Michael Manikas	Australia
LF6	2.30 pm – 3.00 pm	Integrated Digital Delivery - Unmanned Aerial Vehicles (IDD - UAVS)	Jacqueline Chie Sze Huan	Singapore
LF7	3.00 pm – 3.30 pm	Training – A Bridge Between Today and Tomorrow	Agugoesi Samuel Ifeanyi	Nigeria
LF8	3.30 pm – 4.00 pm	A Lean Practical Methodology in Integrated Cost and Schedule Control for Warehouse Building project	Zhang Daping	China
LF9	4.00 pm – 4.30 pm	Way Forward for Green Building Implementations in Malaysia	Leong Boon Tik, Tan Jia San, Soon Lam Tatt, Ang Fuey Lin	Malaysia

Sub-Theme: **HUMAN WISDOM**

Ref.	Time	Title	Presenter	Country
HW1	11.00am - 11.30am	Emerging Technologies A Threat To The Quantity Surveying Profession?	Sr Chan Kar Leng	Malaysia
HW2	11.30am - 12.00 noon	A Study on Gender Inequality in Sri Lankan Construction Industry	W.M.U. Wickramasinghe	Sri Lanka
HW3	12.00 noon - 12.30 pm	Second Business Venture – Surviving Industrial Revolution 4.0	Chew Siak Kor	Malaysia
HW4	12.30 pm - 1.00 pm	Trust Eccentricity and Commonality in the Transaction of Construction Digital Information	Dr Shamsulhadi Bandi	Malaysia
HW5	2.00 pm – 2.30 pm	Recognition Of Differences For Cost Control in Japan Public Infrastructure Project	Eiji Nomura	Japan
HW6	2.30 pm – 3.00 pm	Improving 2-Stage Early Contractor Involvement : Lessons From New Zealand	David Finnie, Assoc Prof Sr Dr Noushad Ali Naseem Ameer Ali	New Zealand
HW7	3.00 pm – 3.30 pm	Research Of PPP Project Governance In China From The Perspective OF Social Network Theory: Based On Big Data Analysis	Xiang Wang	China
HW8	3.30 pm – 4.00 pm	Applicability of Expert Determination as Alternative Dispute Resolution in Malaysia Construction Industry	Sr Maselawati Shamsuddin	Malaysia
HW9	4.00 pm – 4.30 pm	The Need for Human Wisdom in Managing Emerging Technologies in our Profession	Thomas Graham Chatterton	New Zealand



Scan for Abstract

Sub-Theme: **EMERGING TECHNOLOGIES**

Ref.	Time	Title	Presenter	Country
ET1	11.00 am - 11.30 am	Construction 4.0 : Digital Transformation of Construction Sector via Emerging Technologies	Dr. Muhammad Imran Sarwar	Malaysia
ET2	11.30 am - 12.00 noon	New Rules of Measurement Malaysia (NRMM) - Latest Update	Sr Chin Keh Liang	Malaysia
ET3	12.00 noon - 12.30 pm	Literature Review : A Conceptual Framework For Psychology in Lean Construction	Nilmini Thilakarathna, Nicola Naismith, Fei Ying, John Tookey	New Zealand
ET4	12.30 pm - 1.00 pm	Potentials And Capabilities For Big Data Advancement In Quantity Surveying Profession	Zafira Nadia Maaz	Malaysia
ET5	2.00 pm - 2.30 pm	The Rise of BIM in Oil and Gas Industry	Roszie Yanty Rahmat, Khaidir Ariffin	Malaysia
ET6	2.30 pm - 3.00 pm	Construction Delay Guidelines - A Simplified Protocol	Nicholas Lambert, Sr Dr Noushad Ali Naseem Ameer Ali	New Zealand
ET7	3.00 pm - 3.30 pm	Digitalisation of the Construction Industry : Are We Ready?	Chia Fah Choy, Wong Phui Fung, Felicia Yong Yan Yan, Ooi Kean Thong	Malaysia
ET8	3.30 pm - 4.00 pm	Limitations of Using Revit - BIM Software for Quantification	Cen-Ying Lee, Chang Saar Chia and Bruno Lot Tanko	Malaysia
ET9	4.00 pm - 4.30 pm	International Classification System for Empowering Standardization and Cost Management of Building Services Works in Malaysia	Assoc Prof Sr Dr. Sarajul Fikri Mohamed	Malaysia

Sub-Theme: **SUSTAINABLE EXCELLENCE**

Ref.	Time	Title	Author	Country
SE1	11.00 am - 11.30 am	A Green Project Management Model for Delivering Environmentally Sustainable Construction Projects	Assoc Prof Sr Dr. Fadzil Hassan	Malaysia
SE2	11.30 am - 12.00 noon	Analysing the Effect of Glazing Material Towards Building Energy Consumption in Different Climate Zone	Siti Birkha Mohd Ali, Johari N.S., Mehdipoor Amirhosein, Md Hasanuzaman, Nasrudin A. Rahim	Malaysia
SE3	12.00 noon - 12.30 pm	The Effects and Expectations of Measurement & Documentation for 3D Modelling in Quantity Surveying Profession	Lam Tatt Soon, Boon Tik Leong, Voon Fun Liew, Fuey Lin Ang, Hasnanywati Hassan, Zarirah Zainul Abidin	Malaysia
SE4	12.30 pm - 1.00 pm	Investigating The Enablers For Higher Risk Management Maturity Of Highway Contractors In Nigeria	Aminu Muhammad Bashir	Nigeria
SE5	2.00 pm - 2.30 pm	Life Cycle Assessment Of Prefabricated And Conventional Reconstruction After Disaster	Jason Maximino Ongpeng, Donovan Catindoy, Ismael Concepcion Jr, Dustin Grimaes	Philippines
SE6	2.30 pm - 3.00 pm	Pre-Fabricated Pre-Finished Volumetric Construction (PPVC) For Residential Projects	Max Shea Wai Hoh	Singapore
SE7	3.00 pm - 3.30 pm	Pointers for Social Sustainability And Opportunities for the Construction Industry in The Application Of Emerging Technologies	Hubert Hiew	Hong Kong, China
SE8	3.30 pm - 4.00 pm	Quantity Surveying Aspects in Cost Management of Conservation Projects / Building – What End User Need From Consultant Quantity Surveyor	Sr Saravanan Subramaniam	Malaysia
SE9	4.00 pm - 4.30 pm	A Preliminary Study on The Relevance of Quantity Surveyors in the Shipbuilding Industry	Dr Ahmed Mohammed Kamaruddeen, Wahida Wahi, Esther Wong Siaw Wei	Malaysia