

BUILD4ASIA CONFERENCE 2024

Build  Asia
2024 

Advancing E&M Engineering Practices for Future Buildings

8 MAY 2024

香港會議展覽中心展覽廳 1 主舞台

Main Stage, Hall 1, Hong Kong Convention & Exhibition Centre

SUPPORTING ORGANISATIONS 會議支持機構

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BUILD4ASIA CONFERENCE 2024

8 MAY 2024 (WED) | 08:30 – 16:55

Theme: Advancing E&M Engineering Practices for Future Buildings

Venue: Main Stage, Hall 1, Hong Kong Convention & Exhibition Centre

















Fee: HK\$100

TIME	SESSION
08:30 - 09:00	Registration
09:05 - 09:25	Opening Remarks & Keynote Greener Future by Smarter Buildings
	<div><div><div>機電工程署 EMSD</div></div><div>Mr Raymond Poon Kwok-ying, JP Director of Electrical and Mechanical Services Electrical and Mechanical Services Department</div></div>
Innovative E&M Maintenance, Operations and Energy Optimization	
09:25 – 09:50	Drone Applications in Sustainable Built Environment: Towards AI Based Automated Inspection, Modelling and Information Management
	<div><div><div>香港中文大學 The Chinese University of Hong Kong</div><div>中大智能科技有限公司 — CU-Tech Limited —</div></div><div>Dr Chen Xi Research Assistant Professor, Department of Mechanical and Automation Engineering The Chinese University of Hong Kong CEO CU-Tech Limited</div></div>
09:50 – 10:15	Sustainable Intelligence in Building Beyond: A Futuristic Exploration - RetroLogic AI
	<div><div>THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學</div></div> <div>Dr Chan Ka Chun, Oscar Research Assistant Professor, Department of Building Environment and Energy Engineering The Hong Kong Polytechnic University</div>





Ir Rocky Lau
Vice Chairman of Executive Committee
Asian Institute of Intelligent Buildings

TIME	SESSION
11:25 - 11:50	<p>Development of RCx (Retro-Commissioning) in Hong Kong and the Greater Bay Area</p> <div>   </div> <p>Ir Dr Paul Sat Head of Research and Public Education Hong Kong Green Building Council</p>
11:50 - 12:15	<p>Shaping the Future of Smart Buildings: Innovations in AI for Digital Twin and Energy Analytics</p> <div>   </div> <p>Ir Dave Chan Chief Executive of Information, Communications & Building Technologies ATAL Engineering Group</p>
12:15 - 13:45	Lunch
Advanced Technologies for E&M Projects and Infrastructure	
13:45 - 14:10	<p>Enhancing Safety and Efficiency: Integrating MiMEP and AI Safety Measures</p> <div>   </div> <p>Ir Antonio Chan Deputy Managing Director REC Engineering Co., Ltd. / REC Green Technologies Co., Ltd.</p>
14:10 - 14:35	<p>Digital Technologies for Smart Hospitals</p> <div>   </div> <p>Ir Hyvan Wong Chair Chartered Institution of Building Services Engineers Hong Kong Region</p>
14:35 - 15:00	<p>MiC and MiMEP Design and Manufacturing: What Can They Learn From Each Other?</p> <div>   </div> <p>Prof Wilson W.S. Lu Head and Chair Professor of Digital Construction, Department of Real Estate and Construction, Faculty of Architecture The University of Hong Kong</p>
15:00 - 15:20	Break
15:20 - 15:45	<p>Decarbonising Buildings and Acceleration to Carbon Neutrality</p> <div>   </div> <p>Mr Thomas Lui Chi-wai Associate Director - Decarbonisation Architecture CLP Power Hong Kong Limited</p>
15:45 - 16:10	<p>Strategic Exploitation of Solar Energy and the Coldness of Space in Urban Cities</p> <div>   </div> <p>Ir Prof Vivien Lu Chairlady Energy Institute (Hong Kong Branch)</p>
16:10 - 16:35	<p>Enhanced Protocols on Construction and Commissioning of Major Plumbing Works and The Best Practice in Managing Drinking Water Quality in Buildings</p> <div>   </div> <p>Ir Dr HF Chan, BBS President Hong Kong Institute of Water and Sanitation Safety</p>
16:35 - 16:55	<p>Closing Remarks & Keynote</p> <div>   </div> <p>Mr Emil Yu President The Hong Kong Federation of Electrical and Mechanical Contractors Limited</p>

CONFERENCE FEE 會議費用

Full programme fee 全日費用: HK\$100

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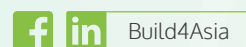
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Solar Energy Society of Hong Kong Dr Chen Xi

ORGANISER 主辦機構



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