

# Build4Asia Conference 2020

12 Nov 2020 Hall 1E, Hong Kong Convention & Exhibition Centre 香港會議展覽中心展覽廳1E



## Engineering Innovations in Smart and Green Cities 綠色及智慧城市的創新工程

### Supporting Organisations 會議支持機構：

HKSAR Government 政府機構



Industry Associations 行業機構



# Engineering Innovations in Smart and Green Cities

## 綠色及智慧城市的創新工程

Smart and Green Cities are more than a trend – with two-thirds of the world's population expected to live in cities by 2050, there is a need to embrace innovation to unlock their full potential. Foreseeing this inevitable transformation, Build4Asia Conference 2020 convenes guest speakers from the HKSAR government, local engineering, building companies and associations to explore innovative ways to achieve social cohesion, economic vibrancy and environmental sustainability.

隨著城市化步伐日益加快，發展智慧及綠色城市已是大勢所趨。預計到2050年，全球三分之二的人口將在城市居住，可見有必要開發創新科技來提高城市負載力。本屆Build4Asia會議以「綠色及智慧城市的創新工程」為主題，邀請了多名來自香港特區政府、本地工程、建築公司及協會的演講嘉賓，探討創新工程如何增加社會凝聚力和經濟活力，實現可持續願景。

### Conference Programme 會議日程

9:15 – 9:35



#### Opening Remarks & Keynote

**Mr Eric PANG, JP**

Director

Electrical and Mechanical Services Department, HKSAR Government

9:40 – 10:00



#### Automatic Parking System in Hong Kong

**Ir Antonio CHAN**

Deputy Managing Director

REC Engineering Company Limited

10:05 – 10:25



#### Advocating Engineering Innovations in Hong Kong

**Mr K H WAN**

Manager

Construction Innovation and Technology Application Centre,  
Construction Industry Council

10:30 – 10:50

Break

10:50 – 11:10



#### Innovative Applications of IoT in Building Operation and Maintenance

**Mr C K LEE**

Chief Engineer

Electrical and Mechanical Services Department, HKSAR Government

11:15 – 11:35



#### Recovery of Low-temperature Heat in Buildings for Improving Energy Efficiency and Sustainability

**Ir Prof Michael LEUNG**

Professor

School of Energy and Environment, City University of Hong Kong

11:40 – 12:00



#### Innovative Way to Harvest More Renewable Energy in Sewage Treatment

**Mr Eddie S C MA**

Senior Engineer

Drainage Services Department, HKSAR Government

12:05 – 13:35

Lunch

13:35 – 13:55



### City Data Repository and Applications Development for Built Environment

**Ir Dr Bruce CHONG**

Director  
Arup

14:00 – 14:20



### TWIN & Multi Elevator System

**Mr Ian SMITH**

Vice President, Special Projects  
Thyssenkrupp Elevator Asia Pacific

14:25 – 14:45



### Easy Innovations to Tune-up Your BMS

**Ir Paul CHAN**

Senior Smart Building Manager  
Smart Energy Connect, CLP Innovation Enterprises Limited

14:50 – 15:10

Break

15:10 – 15:30



### Retro-commissioning

**Ir Dr Paul SAT**

Head of Research and Public Education  
Hong Kong Green Building Council

15:35 – 15:55



### Building with Wellness and Green

**Mr Edwin CHAN**

Senior Project Director  
New World Development Company Limited

16:00 – 16:20



### Closing Remarks & Keynote

**Ir Dr Cary CHAN, JP**

Executive Director  
Hong Kong Green Building Council



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登記參觀展會 / 登入賬戶



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Choose **Event Registration** after registering as visitor  
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CPD Points Available! 可申請持續專業進修計劃學分



## Conference Fee 會議費用

### Full Programme Fee 全日費用: HK\$100

- Coffee and tea coupon will be provided and to be redeemed at cafeteria 憑飲品券到小食亭換領咖啡或茶
- Registration is ONLY confirmed upon receipt of full payment 僅在收到全額付款後才能確認登記

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## Organising Committee 籌委會

### Chairman 主席

#### Ir Walter AU

Hong Kong Electrical  
Contractors' Association

### Committee Members 成員

#### Ir Sr Martin WAN

Building Services Operation and  
Maintenance Executives Society

#### Ir Paul LEE

Energy Institute Hong Kong

#### Ir Jimmy LI

Hong Kong Institution of Engineers  
Building Services Division

#### Ir Simon CHUNG

Hong Kong Institution of Engineers  
Electrical Division

#### Prof H X YANG

Solar Energy Society of  
Hong Kong

## Don't forget the exhibition next door ! 香港最大型建築、電氣、保安展同場舉行

11-13 Nov 2020 |  Hall1DE, HKCEC

Build4Asia 2020 - Recognised as Asia's no.1 sourcing and trading platform for the building, electrical engineering and security industries, Build4Asia offers a one-stop platform for market leaders to showcase cutting-edge technologies and solutions covering every facet of the construction services industry – from building materials & automation, total surveillance systems to smart city and green technologies.

Build4Asia 2020 是領先亞洲的建築、電氣和防火保安展覽會，為行業領導者提供貿易平台，展示尖端產品、技術和解決方案如建材、自動化系統、監控系統、智能城市和綠色技術等。



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450+

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### Organiser 主辦機構:



Ms Millie Ng 吳嫻同小姐



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