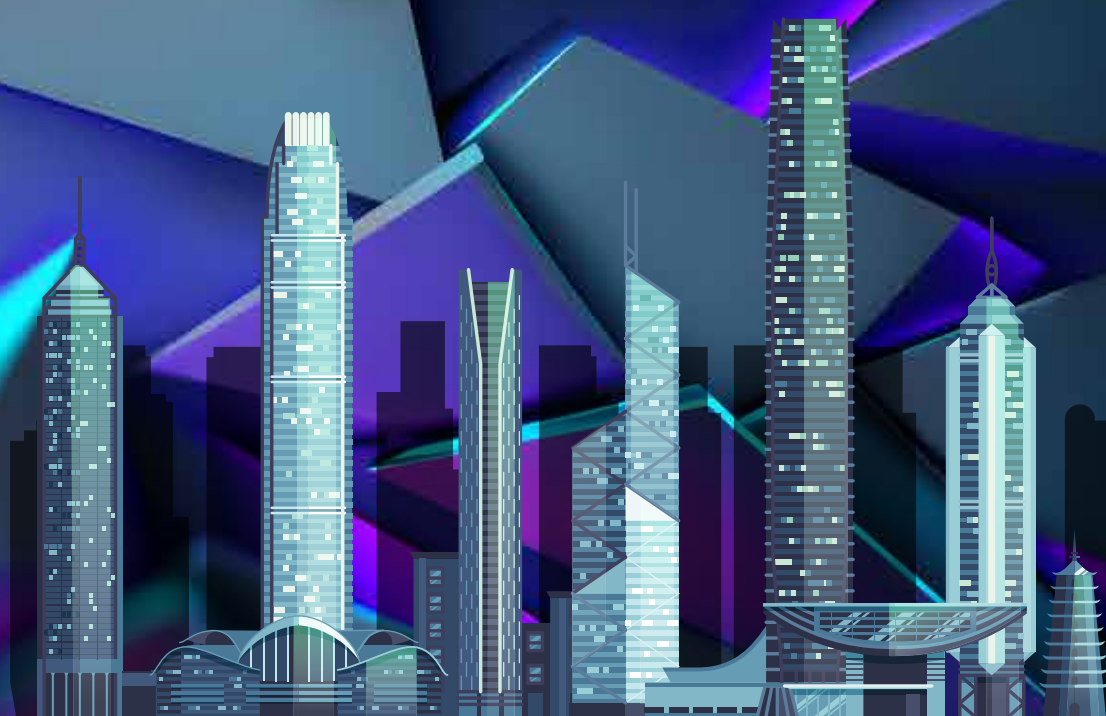




**FUTURE
CONSTRUCTION
EXCELLENCE
PROGRAMME**



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會



CROSS CULTURAL COMPETENCE

Combines Eastern and Western insights to boost adaptability and communication in diverse environments

FRONTIER INNOVATIONS

Focuses on digitalisation, AI, robotics, MiC, MiMEP, sustainability, and safety culture

CUSTOMISED CURRICULUM

Delivers tailored, industry-specific modules with practical case studies

IMMERSIVE LEARNING EXPERIENCE

Offers interactive workshops, case studies, site visits, and capstone projects for hands-on learning

NETWORKING OPPORTUNITIES

Invites construction professionals to exclusive networking events, peer learning sessions, and potential business opportunities

**Venue : Multi-Purpose Hall, Zero Carbon Park, 8 Sheung Yuet Rd,
Kowloon Bay, Kowloon, Hong Kong**

DAY 0

2 Sep 2024 (Mon)

Briefing Session

Time

Topic

16:00 - 16:15

Networking

16:15 - 16:25

Welcoming Address

16:25 - 16:55

Programme Introduction

16:55 - 17:15

Capstone Project Information

17:15 - 17:30

Grouping & Networking



**Global
Insights Module**



**Regional
Know-how Module**



**Local
Expertise Module**



KEY SPEAKERS



Mark Enzer
Enzer OBE FREng
Head of the National Digital Twin
Programme at the Centre for
Digital Built Britain and
Strategic Advisor, Mott MacDonald



Prof. David Gann
CBE
Professor of Innovation and
Entrepreneurship, Pro-Vice-Chancellor
(Development and External Affairs)
Oxford



Dame Dervilla Mitchell
CBE
Director
Arup



Dale Evans
Chair of Project 13 Strategy Group
Partner, Allora Infrastructure



Prof. Washington Ochieng
EBS FREng CBE
Head of Civil & Environmental
Engineering Department
Imperial College London



Will Cavendish
Global Digital Services Leader
Arup



Mark Farmer
CEO and Founding Director
Cast Consultancy



Gillian Charlesworth
Chief Executive Officer and
Executive Director
BRE Group



Adam Locke
Project Leader
Energy Transition Infrastructure
Laing O'Rourke



Dr. Ana Mijic
Director of the Centre for Systems
Engineering and Innovation
Imperial College London



Ben Carlisle
Global Practice Leader for DfMA
Mott MacDonald



Dale Sinclair
Director
WSP



Fergus Harradence
Deputy Director, Infrastructure
Construction & Rail at the
Department for
Business & Trade (DBT)



Hannah Casey
Senior Manager
Network Development
Ellen MacArthur Foundation



Justin Anderson
Director
Digital Twin Hub



Lydia Walpole
Senior Director, EMEA
Bentley Systems



Paul Wilkinson
Vice-Chair, nima and
Managing Director
PWcom.co.uk Limited



Richard Patterson
BA MBA CEng FICE
Technical Principal -
NEC and Procurement Specialist
Mott MacDonald



Prof. Samer Bagaeen
FRICS MRTPI FRGS
Technical Director
Arcadis



Steve Armstrong
Global Director
Capital Program &
Supply Chain Advisory
Arcadis

Venue : The Ballroom, 58 Prince's Gate, Imperial College London, Exhibition Road, London SW7 2AZ, UK

Registration starts at 7:45 am on Monday

DAY 1

23 Sep 2024 (Mon)

Leadership in the Changing Landscape

Time	Topic	Speaker
08:15 - 08:45	Welcome and introduction to Imperial College London and introduction to the Centre for Systems Engineering and Innovation	<i>Prof. Washington Ochieng EBS FREng CBE</i>
08:45 - 09:15	Participants introduction and programme overview	<i>Mr. Mark Enzer OBE FREng</i>
09:15 - 10:00	Strategic foresight and global trends in construction industry	<i>Mr. Mark Enzer OBE FREng</i>
10:00 - 11:00	Adaptive leadership strategies for navigating uncertainty	<i>Prof. David Gann CBE</i>
11:00 - 11:15	Coffee break	
11:15 - 12:15	Systems engineering with focus on built environment	<i>Dr. Ana Mijic</i>
12:15 - 13:15	Lunch and group photo	
13:15 - 14:15	Sharing successful leadership practices from international construction markets	<i>Mr. Fergus Harradence</i>
14:15 - 15:15	UK strategic approach on digital engineering and integrated information management	<i>Mr. Paul Wilkinson</i>
15:15 - 15:30	Coffee break	
15:30 - 16:30	Leading digital transformation	<i>Ms. Lydia Walpole</i>
16:30 - 17:00	Group presentation briefing, Q&A, summary and discussion	<i>Mr. Mark Enzer OBE FREng</i>
Welcome dinner: To be attended by all speakers and participants, details referring to "Dinner information"		



24 Sep 2024 (Tue)

Embracing Digital Transformation and Automation

Time	Topic	Speaker
09:00 - 09:15	Brief programme recap	Mr. Mark Enzer OBE FREng
09:15 - 10:15	Digital transformation in construction: key technologies and opportunities	Mr. Will Cavendish
10:15 - 11:15	Innovations in automation and robotics	Dyson School of Design Engineering
11:15 - 11:30	Coffee break	
11:30 - 12:30	Construction productivity: digital and manufacturing	Mr. Adam Locke
12:30 - 13:30	Talk on Digital Twin	Mr. Justin Anderson
13:30 - 14:30	Lunch	
14:30 - 15:15	Depart 170 QG for company visit	
15:15 - 17:00	Company visit - ARUP: sharing on successful digital transformation initiatives worldwide	ARUP, 8 Fitzroy St, London W1T 4BJ



25 Sep 2024 (Wed)

Modern Methods of Construction (MMC) and Collaborative Project Delivery

Time	Topic	Speaker
09:00 - 09:45	Brief programme recap and infrastructure resilience with regard to the use of technology	Dr. Mireille El Hajj
09:45 - 10:45	Strategic partnerships in integrated design delivery of modern methods of construction	Mr. Dale Sinclair
10:45 - 11:45	Sustainability and resilience trends in construction	Prof. Samer Bagaeen FRICS MRTPI FRGS
11:45 - 12:00	Coffee break	
12:00 - 13:00	Strengthening supply chain ecosystem as part of DfMA and IDD strategies	Mr. Ben Carlisle
13:00 - 14:00	Lunch	
14:00 - 15:00	UK's experience in driving industry change through MMC	Mr. Mark Farmer
15:00 - 17:00	Site visit - MACE: Chapter London Bridge Project to highlight MMC, modular construction, sustainability, collaboration with developers, real estate agents, designers, investors	Mr. David Martin 48-50 Weston St, London SE1 3QJ, UK


DAY 4
26 Sep 2024 (Thu)
Sustainability and Project 13 Principles

Time	Topic	Speaker
09:00 - 09:15	Brief programme recap	Mr. Mark Enzer OBE FREng
09:15 - 10:15	Systems thinking and circular economy in the built environment	Mr. Mark Enzer OBE FREng
10:15 - 11:15	Sustainable supply chain management and circular economy practices	Ms. Hannah Casey
11:15 - 11:30	Coffee break	
11:30 - 12:30	Project 13 principles: enhancing collaboration and performance in construction projects	Mr. Dale Evans
12:30 - 13:30	Lunch	
13:30 - 14:30	Green building certifications and energy efficiency solutions	Ms. Gillian Charlesworth
14:30 - 15:30	Global perspectives on collaborative working and alliancing	Dame Dervilla Mitchell CBE
15:30 - 17:00	Company visit - Foster & Partners: case study to showcase sustainability and net zero building design	Foster & Partners, Riverside, 22 Hester Road, London SW11 4AN

DAY 5
27 Sep 2024 (Fri)
Safety Leadership and Future Outlook

Time	Topic	Speaker
09:00 - 09:15	Brief programme recap	Mr. Mark Enzer OBE FREng
09:15 - 12:30	Site visit - HS2	Old Oak Common Lane, London NW10 6DZ, UK
12:30 - 13:30	Lunch	
13:30 - 14:30	The NEC journey in UK: challenges and implementation	Mr. Richard Patterson BA MBA CEng FICE
14:30 - 15:30	Successful innovation in delivery and procurement models	Mr. Steve Armstrong
15:30 - 15:45	Coffee break	
15:45 - 16:45	Group activity and presentation	Mr. Mark Enzer OBE FREng
16:45 - 17:00	Final programme summary	Mr. Mark Enzer OBE FREng
17:00 - 17:15	Programme evaluation and presentation of attendance certificates	Mr. Mark Enzer OBE FREng
Networking dinner: To be attended by all participants, details referring to "Dinner information"		



Global Insights Module

Suggested Hotels

Millennium Gloucester Hotel London Kensington (4 star)

Address:

4-18 Harrington Gardens,
South Kensington, London
SW7 4LH, United Kingdom

*11 mins walk to Imperial College London



****CIC team will stay in this hotel for this trip**



Royal Gardens Hotel (5 star)

Address:

2, 24 Kensington High St,
London W8 4PT
United Kingdom

*13 mins walk to Imperial College London

London Marriott Hotel Kensington (4 star)

Address:

147C Cromwell Rd,
London SW5 0TH
United Kingdom

*15 mins walk to Imperial College London



Dinner Information

Welcome Dinner (Day 1)

Date: 23 Sep 2024 (Mon)
Time: 6:30 pm - 10:00 pm
Venue: ICE,
Stephenson Room,
1 Great George Street,
Westminster,
London SW1P 3AA



* To be attended by all speakers and participants

Networking Dinner (Day 5)

Date: 27 Sep 2024 (Fri)
Time: 6:30 pm - 10:00 pm
Venue: TBC

* To be attended by all participants



KEY SPEAKERS



孟建民院士
中國工程院院土,
深圳大學本原設計
研究中心主任



梁浩博士
住建部科技與產業化發展中心
綠色建築處處長



蔡瀛
廣東省住建廳前副廳長



顧明教授
清華大學軟件學院



孟浩
上海大界機器人科技有限公司
創始合伙人及行政總裁

上課地點：清華大學深圳研究院

集合地點：深圳灣口岸

集合時間：上午8:30

DAY **6**

22 Oct 2024 (Tue)

國家戰略大局

Time	Topic	Speaker
09:00 - 09:30	參觀清華大學深圳研究院	
09:30 - 10:30	國家高質量發展戰略與粵港澳大灣區發展佈局	蔡瀛先生
10:30 - 11:30	智能建造新質生產力	梁浩博士
11:30 - 11:45	小休	
11:45 - 12:45	建設好房子 — 像造汽車一樣造房子	孟建民院士
12:45 - 14:00	參觀達實智能大廈及午餐	
14:00 - 16:00	參觀工地：梅林路6號保障性住房項目	
16:00 - 17:30	參觀工地：深圳灣超總C塔	

DAY **7**

23 Oct 2024 (Wed)

建築行業發展趨勢

Time	Topic	Speaker
09:00 - 10:00	數字化轉型、CIM 及未來趨勢	顧明教授
10:00 - 10:55	建築科技趨勢：大界、蔚建	大界和蔚建代表
10:55 - 11:05	小休	
11:05 - 12:00	前沿科技：MechMind、庫卡、思靈機器人	MechMind、庫卡、思靈機器人代表
12:00 - 13:00	智能建造，產業變革的機遇與挑戰	(待定)
13:00 - 15:00	午餐 & 出發參觀 (交通)	
15:00 - 16:30	參觀展廳：龍崗能源生態園	
16:30 - 18:00	參觀展廳：華為方舟壹號空間智能開放實驗室	



DAY 8

24 Oct 2024 (Thu)

智能建造

Time

Topic

08:00 - 10:00

出發到珠海

10:00 - 12:00

工廠參觀：中建海龍

經驗分享 - 從設計、生產、建造過程中數碼化及自動化的應用

12:00 - 13:00

午餐

13:00 - 13:40

出發參觀 (交通)

13:40 - 15:10

工廠參觀：遠東幕牆

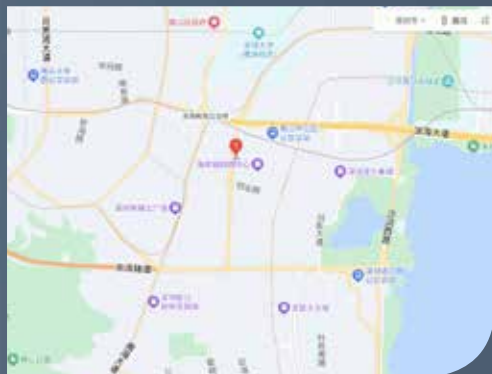
15:10 - 15:40

出發參觀 (交通)

15:40 - 17:10

工廠參觀：中海海創智造科技

Suggested Hotels



Shenzhen Marriott Hotel Nanshan

深圳中洲萬豪酒店

Address:
No. 88, Haide Yi Road,
Nanshan District,
Shenzhen, Guangdong,
China

**CIC team will stay in this hotel for this trip

HAMPS HOTEL

深圳漢普斯酒店

Address:
No. 3818, Baishi Road,
Nanshan District,
Shenzhen, Guangdong,
China



中建海龍科技有限公司
CHINA STATE CONSTRUCTION HAILONG TECHNOLOGY COMPANY LIMITED



中国建筑第五工程局



中國建築興業集團有限公司
CHINA STATE CONSTRUCTION DEVELOPMENT HOLDINGS LIMITED



HUAWEI



KUKA



大界
ROBOTICS PLUS

聯建 WE BUILD



KEY SPEAKERS



Prof. Jack Cheng
Associate Head and Professor, HKUST
Chairperson, COM-BIM&CD, CIC



Ar. Donald Choi
Executive Director and CEO
Chinachem



HP Choy
Chairman & Managing Director
Hip Seng



Carl Devlin
Capital Works Director
MTR



Ir Llewellyn Tang
Associate Professor in BIM, HKU

**Venue : Multi-Purpose Hall, Zero Carbon Park, 8 Sheung Yuet Rd,
Kowloon Bay, Kowloon, Hong Kong**

Registration starts at 8:45 am



2 Dec 2024 (Mon)

Construction Industry's Local Landscape

Time	Topic	Speaker
09:00 - 10:00	Future of Hong Kong's construction industry and positioning	(TBC)
10:00 - 11:00	Leading business change and transformation in Hong Kong context	Mr. HP Choy
11:00 - 11:15	Coffee break	
11:15 - 12:15	Digital transformation strategy	Ir Llewellyn Tang
12:15 - 13:15	Strategic insights on optimising HPC performance	(TBC)
13:15 - 14:30	Lunch	
14:30 - 15:30	Total life cycle management with the use of digitalisation	(TBC)
15:30 - 15:45	Coffee break	
15:45 - 17:45	Visit of G/F of Kowloon Bay Campus for digitalisation use in facility management	



DAY **10**

3 Dec 2024 (Tue)

Real Case Experience Sharing

Time	Topic	Speaker
09:00 - 10:00	Project governance for mega projects	Mr. Carl Devlin
10:00 - 11:00	Experience sharing by Chinachem on innovation and technologies application	Ar. Donald Choi
11:00 - 11:15	Coffee break	
11:15 - 12:15	Experience session utilising the facilities in the Centre for Future Construction	Prof. Jack Cheng
12:15 - 14:00	Lunch	

DAY **10** +

3 Dec 2024 (Tue)

Graduation Ceremony

Time	Topic
14:00 - 14:10	Welcoming address
14:10 - 15:40	Capstone project presentations
15:40 - 16:10	Q&A session and assessment
16:10 - 16:40	Coffee break
16:40 - 17:30	Recognition of achievements and presentation of certificates
17:30 - 17:45	Closing remarks
17:45 - 18:00	Group photo and networking



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會



FUTURE
CONSTRUCTION
EXCELLENCE
PROGRAMME

*FORGING A VISION FOR OUR **NEXT GENERATION***

DECISION-MAKERS

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