ICCREM 2026 Conference Guide Updated | 参会指南更新版

建设与房地产管理国际学术研讨会 2026年11月17日 13:10 黑龙江



Conference Theme

AI Reshapes the Future Built Environment: Intelligence, Sustainability, and Resilience

Conference Introduction

The 2026 International Conference on Construction and Real Estate Management (ICCREM 2026) will take place at City University of Hong Kong from 20 to 22 November 2026. Held annually since 2003, ICCREM brings together researchers and industry professionals to exchange ideas on construction and real estate management.
This year's keynote speeches and parallel sessions will explore how artificial intelligence can help make the built environment smarter, more sustainable, and more resilient.

会议主题

AI 重塑未来建筑环境：智能化、可持续化与韧性

会议简介

2026 年建设与房地产管理国际学术研讨会（ICCREM 2026）将于 11 月 20 日至 22 日在香港城市大学举行。会议自 2003 年起每年举办，为建设与房地产管理领域的学者和业界人士提供交流研究成果与实践经验的平台。
本届会议将通过主旨报告和分会场交流，探讨人工智能如何推动建筑环境的智能化与可持续发展，并提升其韧性。

Conference Organizations

Organizers

City University of Hong Kong; Harbin Institute of Technology.

Co-organizers

The Hong Kong Polytechnic University; Tsinghua University; Guangzhou University; Beijing University of Civil Engineering and Architecture; South China University of Technology; Xi'an University of Architecture and Technology; Chongqing University; Chang'an University; Umeå University (Sweden); University of Alberta (Canada); Marquette University (USA); Nottingham Trent University (UK).

Supporting Organizations

- Construction Institute of the American Society of Civil Engineers (ASCE)

- *Engineering, Construction and Architectural Management* (ECAM)
- *Journal of Engineering Management*
- Hong Kong Young Scientist Association (HKYSA)
- Engineering Management Committee of Jiangsu Civil Engineering & Architectural Society

Sponsor

Runhe Tech Development Limited

组织单位

主办单位

香港城市大学、哈尔滨工业大学

合作主办单位

香港理工大学、清华大学、广州大学、北京建筑大学、华南理工大学、西安建筑科技大学、重庆大学、长安大学、瑞典于默奥大学、加拿大阿尔伯塔大学、美国马凯特大学、英国诺丁汉特伦特大学

协办单位

- 美国土木工程师学会施工分会
- *Engineering, Construction and Architectural Management* (ECAM)
- 《工程管理学报》
- 香港青年科学家协会
- 江苏省土木建筑学会工程管理专委会

赞助单位

润合科技发展有限公司



Conference Programme | 会议整体议程

The programme below provides an overview of the conference schedule, including keynote speeches, parallel sessions and other activities. The official language for conference presentations is English.

以下为大会整体议程，涵盖主旨报告、分会场报告及其他活动。大会报告的官方语言为英语。

ICCREM 2026 Agenda Hong Kong, November 20 – 22, 2026		
Time	**Activity**	**Venue**
Friday, November 20th, 2026		
14:00-18:00	Registration&Reception	Hallway outside LI-3508
Saturday, November 21, 2026		
08:30-09:00	Registration&Reception	Hallway outside LI-3508
Opening Ceremony		
09:00-09:15	Welcome Speech by University/College/Department	LI-3508
09:15-09:20	Welcome Speech by Conference Chair	
09:20-09:30	Photo Taking	
Keynote Speeches, Morning (Coordinator: Prof. Thomas NG Shiu-tong)		
09:30-10:00	Keynote Speech 1 (Prof. FANG Dongping)	LI-3508
10:00-10:30	Tea Break	
10:30-11:00	Keynote Speech 2 (Prof. LIU Bingsheng)	
11:00-11:30	Keynote Speech 3 (Prof. SHEN Geoffrey Qiping)	
11:30-12:00	Keynote Speech 4 (Prof. CHAN Albert Ping Chuen)	
12:00-12:30	Keynote Speech 5 (Prof. VARGA Liz)	
12:30-14:00	Lunch	CityUHK Chinese Restaurant
Parallel Sessions, Afternoon		
14:00-15:30 (10min×8)	Parallel Session 1-1	LI-3508
	Parallel Session 1-2	LI-1301
	Parallel Session 1-3	LI-1507
	Parallel Session 1-4	LI-1601
	Parallel Session 1-5	LI-1610
	Parallel Session 1-6	LI-1614
15:30-16:00	Tea Break	
16:00-17:30 (10min×8)	Parallel Session 1-7	LI-3508
	Parallel Session 1-8	LI-1301
	Parallel Session 1-9	LI-1507
	Parallel Session 1-10	LI-1601
	Parallel Session 1-11	LI-1610
	Parallel Session 1-12	LI-1614
18:00-20:30	Bus Travel & Gala Dinner	Choi Fook Royal Banquet
End of 1st Day Presentations		
Sunday, November 22, 2026		
Keynote Speeches, Morning (Coordinator: Prof. LUO Xiaowei)		
09:00-09:30	Keynote Speech 6 (Prof. WANG Shengwei)	LI-3508
09:30-10:00	Keynote Speech 7 (Prof. ZOU Xiaowei)	
10:00-10:30	Tea Break	
Parallel Sessions, Morning		
10:30-12:00 (10min×8)	Parallel Session 2-1	LI-1301
	Parallel Session 2-2	LI-1507
	Parallel Session 2-3	LI-1601
	Parallel Session 2-4	LI-1610
	Parallel Session 2-5	LI-1614
12:00-14:00	Lunch	CityUHK Chinese Restaurant
Keynote Speeches, Afternoon (Coordinator: Prof. CHEN Long)		
14:00-14:30	Keynote Speech 8 (Prof. AL-HUSSEIN Mohamed)	LI-3508
14:30-15:00	Keynote Speech 9 (Prof. CHENG Jack Chin Pang)	
Award Ceremony and Closing Remark (Coordinator: Prof. CHEN Long)		
15:00-15:30	Best Paper Award Ceremony	LI-3508
15:30-15:40	Flag Handover	
15:40-16:00	Closing Remark (Prof. WANG Yaowu)	
End of Conference		

Keynote Speeches and Closing Remarks | 主旨报告与闭幕致辞

The schedule below lists the speakers, times and presentation titles. All keynote speeches and closing remarks will take place in LI-3508.

主旨报告和闭幕致辞均在 LI-3508 举行。报告人、时间及题目见下图。

ICCREM 2026 Presentation Titles

Venue LI-3508

Date	Time	Agenda Item	Speaker	Presentation Title
2026-11-21	09:30–10:00	Keynote Speech 1	FANG Dongping	Built Environment Resilience
2026-11-21	10:30–11:00	Keynote Speech 2	LIU Bingsheng	TBC
2026-11-21	11:00–11:30	Keynote Speech 3	SHEN Geoffrey Qiping	Cross-regional collaboration of the construction sectors in the Guangdong–Hong Kong–Macao Greater Bay Area
2026-11-21	11:30–12:00	Keynote Speech 4	CHAN Albert Ping Chuen	Protecting Construction Workers from Heat Stress: Smart Construction Site and AI Heat Monitoring System
2026-11-21	12:00–12:30	Keynote Speech 5	Liz Varga	Artificial Intelligence for the Built Environment: A co-evolutionary cyber, physical, human (CPH) systems perspective
2026-11-22	09:00–09:30	Keynote Speech 6	WANG Shengwei	Contributions and Technologies of Energy Flexible Buildings in High-density Cities for High Renewable Power Grids
2026-11-22	09:30–10:00	Keynote Speech 7	ZOU Xiaowei	The Fifth Research Paradigm
2026-11-22	14:00-14:30	Keynote Speech 8	AL-HUSSEIN Mohamed	TBC
2026-11-22	14:30–15:00	Keynote Speech 9	CHENG Jack Chin Pang	TBC
2026-11-22	15:40–16:00	Closing Remark	WANG Yaowu	

Session Overiew | 会议概览

ICCREM 2026 | Parallel Session Overview

Hong Kong · 21–22 November 2026 · Preliminary agenda

Date	Start	End	Parallel	Venue	Session title	Session focus	Papers	Session Chair
21 Nov 2026	14:00	15:30	Parallel Session 1-1	LI-3508	AI-Assisted Design, Digital Modeling, and Visual Inspection (I)	AI-Assisted Design, BIM and Digital Delivery	9	Prof. Lan LUO
21 Nov 2026	14:00	15:30	Parallel Session 1-2	LI-1301	Construction Risk Detection, Human Factors, and Robotics (I)	Construction Safety and Quality Risk Management	7	Prof. Xiaodong LI
21 Nov 2026	14:00	15:30	Parallel Session 1-3	LI-1507	Green Building Assessment, Low-Carbon Retrofit, and Energy Optimization (I)	Green Building Assessment and Low-Carbon Retrofit	9	Prof. Dezhi LI
21 Nov 2026	14:00	15:30	Parallel Session 1-4	LI-1601	Urban Regeneration, Public Space, and Inclusive Environments (I)	Urban Regeneration, Public Space and Community Response	9	Prof. Xiaojing ZHAO
21 Nov 2026	14:00	15:30	Parallel Session 1-5	LI-1610	Infrastructure Performance, Monitoring, and Urban Disaster Resilience		9	Prof. Hong ZHOU
21 Nov 2026	14:00	15:30	Parallel Session 1-6	LI-1614	Reserve		0	
21 Nov 2026	16:00	17:30	Parallel Session 1-7	LI-3508	AI-Assisted Design, Digital Modeling, and Visual Inspection (II)	Visual Sensing and Inspection in Engineering	7	Prof. Jingke HONG
21 Nov 2026	16:00	17:30	Parallel Session 1-8	LI-1301	Construction Risk Detection, Human Factors, and Robotics (II)	Construction Robotics, Human Factors and Collaboration	7	Prof. Tan TAN
21 Nov 2026	16:00	17:30	Parallel Session 1-9	LI-1507	Green Building Assessment, Low-Carbon Retrofit, and Energy Optimization (II)	Carbon Emissions and Energy Optimization in the Built Environment	6	Prof. Yahong DONG
21 Nov 2026	16:00	17:30	Parallel Session 1-10	LI-1601	Urban Regeneration, Public Space, and Inclusive Environments (II)	Inclusive Cities, Healthy Environments, and Climate Adaptation	8	Prof. Mingzhu WANG
21 Nov 2026	16:00	17:30	Parallel Session 1-11	LI-1610	Reserve		0	
21 Nov 2026	16:00	17:30	Parallel Session 1-12	LI-1614	Modular Construction, Structural Performance, and Site Safety		7	Prof. Hongtao LIU
22 Nov 2026	11:00	12:00	Parallel Session 2-1	LI-1301	Construction Contracts, Compliance, and Project Economics		5	Prof. Qian-Cheng WANG
22 Nov 2026	11:00	12:00	Parallel Session 2-2	LI-1507	Digital Twins, Data Collaboration, and AI in the Built Environment		6	Prof. Xiaolong XUE
22 Nov 2026	11:00	12:00	Parallel Session 2-3	LI-1601	ESG, Costs, and Financing in Real Estate and Construction		5	Dr. Qi PAN
22 Nov 2026	11:00	12:00	Parallel Session 2-4	LI-1610	Regional Construction Collaboration, Digital Economy, and Urban Governance		5	Prof. Liqun XIANG
22 Nov 2026	11:00	12:00	Parallel Session 2-5	LI-1614	Digital Transformation, Resilience, and Wellbeing in the Built Environment		6	Dr. Ye YUAN
					Total presentations		**105**	

Session chair names update automatically in the Detailed Agenda.

Detailed Parallel Session Agenda | 分会场详细议程

21 November | 11 月 21 日

Start	End	Order	Paper title / activity	Presenter	Paper ID
AI-Assisted Design, Digital Modeling, and Visual Inspection (I)					
Sat, 21 Nov 2026 · 14:00–15:30 · LI-3508 · Parallel Session 1-1 · Session Chair · Prof. Lan LUO					
AI-Assisted Design, BIM and Digital Delivery					
14:00	14:10	1	Exploring AI and BIM-Based Generative Design for School Buildings	FU Changfeng	2126080321165563368
14:10	14:20	2	Intelligent Generative Design Methods and Empirical Research for Rural Cultural Centers	Jiayi Zheng	2126031815503702631
14:20	14:30	3	A Study on Spatial Generation Design for Township Libraries Based on Behavioral Intelligence Simulation: The Case of Pantian Town, Meizhou City, Guangdong Province	Shuxuan Li	2126030821183748631
14:30	14:40	4	Identifying Performance Configurations in Architectural Programming Through Multimodal Large Language Models and fsQCA: Evidence from Mega Transportation Projects	Shitao Jin	2126041409275097845
14:40	14:50	5	RAG-Enabled Parametric BIM Generation for High-Support Formwork via Revit Secondary Development	Yongchao Xie	2126080117125720399
14:50	15:00	6	Engineering Drawing Understanding for AEC: From Object Recognition to Structural Recovery and Task Execution	Wenhao Li	2126080110181918399
15:00	15:10	7	A Drawing-Oriented Semantic Data Schema for Railway Bridge General Arrangement Drawings Supporting Automated Compliance Checking	SHUHAN YANG	2126080314385050307
15:10	15:20	8	Integrating BIM and UAV Oblique Photogrammetry for Digital Twin Platform in Campus Operation and Maintenance: A Semantic-Driven Approach	Lan Luo	2126080223360938439
15:20	15:30	9	From CAD Drawings to Climate Scenarios: A Multi-Agent LLM Framework for Bridge Thermal Behavior Assessment	YUAN YUAN	2126072815184652577

Start	End	Order	Paper title / activity	Presenter	Paper ID
Construction Risk Detection, Human Factors, and Robotics (I)					
Sat, 21 Nov 2026 · 14:00–15:30 · LI-1301 · Parallel Session 1-2 · Session Chair · Prof. Xiaodong LI					
Construction Safety and Quality Risk Management					
14:00	14:10	1	Large Language Model-Driven Knowledge Graph Construction and Causation Network Analysis of Metro Construction Accidents	Xueni Qin	2126080316121754433
14:10	14:20	2	A Microclimate-Guided UAV Inspection Framework for Prioritizing Unsafe-Behavior Risks on Construction Sites	Yongxing Lu	2126041717100725542
14:20	14:30	3	Skeleton-Based Temporal Event Fusion for Indoor Work-at-Height Risk Behavior Recognition	Jinhui Liang	2126063015082648589
14:30	14:40	4	Constructing a Multi-Dimensional System of Construction Quality Risk Factors for Civil Buildings: Aligning Court Case Big Data with IDI Liability Clauses	Tianhong Liu	2126040120110537519
14:40	*15:00*		*Discussion / buffer*		
15:00	15:10	5	Device Dependence, Responsibility Offloading, and Proactive Safety Behavior in AI-Based Proactive Safety Alerts on Smart Construction Sites: An Exploratory Test	Yuanjun Lin	2126072017101779628
15:10	15:20	6	A Study on Factors Influencing Managerial Adoption Intentions toward the Smart Site Safety System (4S) in Hong Kong's Construction Industry	wai yee betty chiu	2126072914532663112
15:20	15:30	7	Optimization of risk management strategies based on data analysis of accidents occurred in the construction phase of a metro line	Jiechun Sun	2126050717300001091

Start	End	Order	Paper title / activity	Presenter	Paper ID
Green Building Assessment, Low-Carbon Retrofit, and Energy Optimization (I)					
Sat, 21 Nov 2026 · 14:00–15:30 · LI-1507 · Parallel Session 1-3 · Session Chair · Prof. Dezhi LI					
Green Building Assessment and Low-Carbon Retrofit					
14:00	14:10	1	The value-sharing mechanism for low-carbon renovation of existing commercial buildings: Based on the Stackelberg game decision model of leadership and following	LINGLI LI	2126080410424773777
14:10	14:20	2	Comparative Analysis of Green Building Rating Tools: A Case Study of an Academic Building in Macau	Xiaoqiang Gong	2126072719452240294
14:20	14:30	3	Analysis on Green Total Factor Productivity and Its Influencing Factors of Public Buildings in China	Zhiyu Li	2126100921533279369
14:30	14:40	4	Managerial Domains of Incremental Innovation in Green Building Projects: Insights from Industry Experts in Malaysia	Nazirah binti Zainul Abidin	2126062417595670394
14:40	14:50	5	ESG-Informed Retrofit Prioritisation for NHS Acute Hospital Estates	Ziru Tao	2126040301074599611
14:50	15:00	6	Technology Identification and Combination Recommendation for Rural Building Low-Carbon Retrofit: A Knowledge Graph and HRL Approach	Yuan Ding	2126041713060796536
15:00	15:10	7	Multi-objective optimization of rural building retrofits for energy, economic, and health performance: A simulation-based NSGA-II approach	Yuxin Zhao	2126041713055595537
15:10	15:20	8	Evaluating the Built Environment of Coastal Resorts through the Lens of Sustainable Transformation and Spatial Resilience: A Full Lifecycle Assessment of Rushan Silver Beach	Jinglin Zhao	2126102010174837335
15:20	15:30	9	An LLM-Driven Multi-Agent System for Building Energy Retrofit Decision Support: Informed by Building Information and Regulatory Codes	Huang Guanying	2126080311441745355

Start	End	Order	Paper title / activity	Presenter	Paper ID
Urban Regeneration, Public Space, and Inclusive Environments (I)					
Sat, 21 Nov 2026 · 14:00–15:30 · LI-1601 · Parallel Session 1-4 · Session Chair · Prof. Xiaojing ZHAO					
Urban Regeneration, Public Space and Community Response					
14:00	14:10	1	The 15-minute city across scales: a decade of change in urban China	Shirui Zhou	TBC
14:10	14:20	2	Public Spatial Use in a Regenerated Industrial District: Evidence from Urban Renewal in Hohhot, China	Rui Niu	2126052208233943333
14:20	14:30	3	Evaluating Urban Village Redevelopment through Residents' Satisfaction: Demolition-Reconstruction and Rehabilitation in Shenzhen, China	yidan gui	2126032612595955139
14:30	14:40	4	Balanced Regeneration of Historic Districts: An Interdisciplinary Scheme for Naples' Spanish Quarter Based on Chinese Ancient Town Experience	Tianrui Yao	2126072422392121241
14:40	14:50	5	Acoustic Gentrification: Capturing Urban Neighborhood Change in Shanghai and Shenzhen through the Soundwalk Approach	QIANHE MA	2126061213171609972
14:50	15:00	6	How Visual Streetscape Shapes Willingness to Stay: Evidence from AI-Assisted Image and Comment Analysis	Yujian PAN	2126041515393132812
15:00	15:10	7	From NIMBY to YIMBY: Evolutionary Pathways and Governance Strategies for Community Acceptance of AI-Empowered Vertiport Facilities	xinai wang	2126041310083816066
15:10	15:20	8	Quantitative evaluation of the synergy between historical and cultural block conservation and block vitality - an empirical analysis based on eye-tracking experiment	Zhu ZiHao	2126041616404040642
15:20	15:30	9	The Influence Mechanism of Public Perception on Urban Renewal Policies: A Case of China	Xiaojing Zhao	2126080322561269589

Start	End	Order	Paper title / activity	Presenter	Paper ID
Infrastructure Performance, Monitoring, and Urban Disaster Resilience					
Sat, 21 Nov 2026 · 14:00–15:30 · LI-1610 · Parallel Session 1-5 · Session Chair · Prof. Hong ZHOU					
14:00	14:10	1	Multi-Factor Analysis of Signed Thermal Contrast for UAV-Based Detection of Facade Tile Detachment	Hui Yan	2126080215564230921
14:10	14:20	2	Prediction of TBM Face Disc Cutter Tunneling Efficiency with XGBoost and Extra Trees	Hui Yan	2126090422201566921
14:20	14:30	3	Recognition of Tunneling States of Full-Set Disc Cutters Based on Machine Learning	Hui Yan	2126090422270667921
14:30	14:40	4	Bayesian Network-Based Risk Assessment of Underground Gas Pipe line Leakagein Urban Areas	Zhaoyi Qi	2126030911012051656
14:40	14:50	5	Cognitive-Enhanced Landslide Risk Decision-Making Process via Multimodal Knowledge Graphs	Fengyi Guo	2126051422091213228
14:50	15:00	6	A Planning-Oriented Framework for Urban Flood Resilience Assessment in High-Density Built Environments	weian li	2126040113573496225
15:00	15:10	7	The Analysis of Cross-Platform Evolution of Online Public Sentiment Regarding Sudden Flood Disasters	Qihui Chen	2126080212301026333
15:10	15:20	8	PHYSICS-INFORMED NETWORKED EDGE EXCHANGE FOR URBAN SYNCHRONIZATION (PHY-NEXUS): AN ELECTRO-PHYSICAL MIDDLEWARE FOR MULTI-AGENCY CASCADING CIVIL INFRASTRUCTURE RISK CONTROL IN SUB-SAHARAN AFRICA - CASE STUDY OF NAIROBI	GRACE ODHIAMBO	2126071211090613910
15:20	*15:30*	*9*	Research on Vegetation Leaf Water Holding Capacity and Rainstorm Adaptability Optimization of Green Spaces in Southern Liaoning	Yu Zhang	2126040312380912342

Start	End	Order	Paper title / activity	Presenter	Paper ID
AI-Assisted Design, Digital Modeling, and Visual Inspection (II)					
Sat, 21 Nov 2026 · 16:00–17:30 · LI-3508 · Parallel Session 1-7 · Session Chair · Prof. Jingke HONG					
Visual Sensing and Inspection in Engineering					
16:00	*16:10*		*Discussion / buffer*		
16:10	16:20	1	Alleviating the Labeling Burden: Enhancing Civil MEP Point Cloud Semantic Segmentation with Synthetic Data	Shuo LAN	2126071515351297902
16:20	16:30	2	An Integrated Pipeline for LiDAR-Based Digital Urban Trees Reconstruction and Geometric Parameter Extraction	YangFan Wu	2126063014201241591
16:30	16:40	3	Zero-Code AI Development for Building Material Counting Using the MACO Dataset and EasyDL	Qian Huang	2126041515413133167
16:40	16:50	4	Fire-Inspection-Oriented Indoor RGB-D Data Quality Evaluation	YU LIU	2126042221162348532
16:50	17:00	5	Enhanced DeepLabV3+ for Concrete Crack Segmentation with Directional Context and Boundary Supervision	Yuxi Wei	2126080314564552435
17:00	*17:10*		*Discussion / buffer*		
17:10	17:20	6	Exterior Wall Delamination Screening through Thermal and Geometric Fusion of Infrared Imagery and Facade Point Clouds	Jiaqi Li	2126070321073654765
17:20	17:30	7	A Digital Delivery Framework for Hidden Engineering Based on 3D Gaussian Splatting and Web-based Spatial Anchoring	BIN XU	2126041614094106409

Start	End	Order	Paper title / activity	Presenter	Paper ID
Construction Risk Detection, Human Factors, and Robotics (II)					
Sat, 21 Nov 2026 · 16:00–17:30 · LI-1301 · Parallel Session 1-8 · Session Chair · Prof. Tan TAN					
Construction Robotics, Human Factors and Collaboration					
16:00	*16:10*		*Discussion / buffer*		
16:10	16:20	1	Ambiguity-Aware Tying Point Detection for Robotic Rebar Tying in Real Construction Scenes	Mi Liu	2126072718442138626
16:20	16:30	2	Urban Spatial Constraints in Modular Integrated Construction Safety: A Conceptual Framework for High-Density Cities	Tan Tan	2126073116485511328
16:30	16:40	3	A Scoping Review of Human–Robot Interaction in Construction: Ergonomics Perspective	Vigneshkumar Chellappa	2126070218524124385
16:40	16:50	4	Workers trust towards construction robots: A literature review and insights from other industries	Yi Luo	2126041515132228280
16:50	17:00	5	A Motion and Context-Aware Latent Video World Model Framework for Proactive Ergonomic Risk Anticipation and Intervention	Chak Fu Chan	2126080321314764691
17:00	17:10	6	Post-Work Changes in Cognitive Processes Underlying Construction Workers' Unsafe Behavior under Hot Working Conditions	Likai Lei	2126073116435810077
17:10	17:20	7	New Perspective on Construction Workers' Unsafe Behavior Cognition: A Novel Information Cognitive Model	Liang Hua	2126032716592090195
17:20	*17:30*		*Discussion / buffer*		

Start	End	Order	Paper title / activity	Presenter	Paper ID
Green Building Assessment, Low-Carbon Retrofit, and Energy Optimization (II)					
Sat, 21 Nov 2026 · 16:00–17:30 · LI-1507 · Parallel Session 1-9 · Session Chair · Prof. Yahong DONG					
Carbon Emissions and Energy Optimization in the Built Environment					
16:00	16:10	1	Global Emissions and International Trade Flows of Construction Materials	Yahong Dong	2126072720041841294
16:10	16:20	2	The Feature Importance of Architectural and Structural Type on Building Material Carbon Emissions using Data Mining	Kun Lu	2126051318211286198
16:20	16:30	3	Research on Emission Reduction and Carbon Mitigation Strategies in the Urban and Rural Construction Sector	qin jingsong	2126070212212510422
16:30	16:40	4	A Study on the Coupling and Coordination Between China's Digital Economy and Carbon Emissions in the Construction Industry	Wei Wang	2126040221581692602
16:40	16:50	5	Can a consumer-side carbon inclusion program improve urban eco-welfare efficiency? Synthetic-control evidence from China	Bingqian Zhan	2126072314461407066
16:50	17:00	6	Dissemination of Energy-Saving Information in Social Networks and Its Energy-Saving Potential Effects: A Simulation Analysis Based on the SIR-TPB Integrated Model	Sha LIU	2126072711192933842
17:00	*17:30*		*Discussion / buffer*		

Start	End	Order	Paper title / activity	Presenter	Paper ID
Urban Regeneration, Public Space, and Inclusive Environments (II)					
Sat, 21 Nov 2026 · 16:00–17:30 · LI-1601 · Parallel Session 1-10 · Session Chair · Prof. Mingzhu WANG					
Inclusive Cities, Healthy Environments, and Climate Adaptation					
16:00	16:10	1	Toward Smart Accessibility Governance: A Conceptual Framework for Lifecycle Maintenance in Inclusive Cities	Yanchen Liu	2126040214210964136
16:10	16:20	2	Study on the Coupled Coordination between Population Aging and Urban Economic Resilience in the Three Northeastern Provinces from the Perspective of Shrinking Cities	Shiqi Gao	2126040314185014564
16:20	*16:30*	*3*	Architectural Heritage Data Governance for Trusted and Secure Cross-Border Data Sharing in the Guangdong-Hong Kong-Macao Greater Bay Area	Jiaying ZHANG	2126041723501567016
16:30	*16:40*		*Discussion / buffer*		
16:40	16:50	4	A Comparative Study of ChatGPT under Different Coding-Guidance Conditions for Qualitative Coding of Older Adults' Interviews on the Neighborhood Built Environment	Fangyi Chen	2126041614565214813
16:50	17:00	5	An LLM-Driven Agent-Based Model for Simulating Human-Urban Activity-Space Interaction under Public Health Disruptions	Xinxin Xiang	2126070323330657979
17:00	17:10	6	A Digital Twin-Based Conceptual Framework for AI-Assisted Thermal Comfort Regulation in Hospital Wards	Gan Zhenjiang	2126041618283058457
17:10	17:20	7	User Acceptance and Risk Perception of Indoor UAV Medical Logistics: A Hospital-Based Empirical Study	YUTONG LI	2126040216354478584
17:20	17:30	8	Research on Rainstorm Adaptability Characteristics of Green Space in Coastal Mountainous Cities Based on Topographic Index Analysis	Yu Zhang	2126033109362055342

Start	End	Order	Paper title / activity	Presenter	Paper ID
Modular Construction, Structural Performance, and Site Safety					
Sat, 21 Nov 2026 · 16:00–17:30 · LI-1614 · Parallel Session 1-12 · Session Chair · Prof. Hongtao LIU					
16:00	16:10	1	Analysis on the Key Factors for the Development of Prefabricated Buildings Based on ISM	Bei Wu	2126040323270449663
16:10	16:20	2	Managing configuration complexity in modular prefabrication: The role of digital technologies	Leyan Chen	2126032723035413209
16:20	*16:30*		*Discussion / buffer*		
16:30	16:40	3	A Reliability Analysis of Using Street View Imagery in Assessing Modular Integrated Construction Accessibility in High-density Cities	Yalan Mei	2126073116255208328
16:40	16:50	4	Steel Bar Cutting Optimization Using Improved Sparrow Search Algorithm	Yushu Zhao	2126072814104150120
16:50	17:00	5	Research on Structural Form Development and Seismic Performance of Prefabricated Modular Subway Station	Hongtao Liu	TBC
17:00	17:10	6	Rapid Prediction of Nonlinear Seismic Demand Using a Physics Guided Adaptive Ensemble	Jingyu Liu	2126090720380617239
17:10	17:20	7	TBC	Jianpeng Zhang	TBC

22 November | 11 月 22 日

Start	End	Order	Paper title / activity	Presenter	Paper ID
Construction Contracts, Compliance, and Project Economics					
Sun, 22 Nov 2026 · 11:00–12:00 · LI-1301 · Parallel Session 2-1 · Session Chair · Prof. Qian-Cheng WANG					
11:00	11:10	1	Decoding Construction Contract Responsibility Identification Using fNIRS: A Subject-Specific Modeling Study	Ziyi Wan	2126040119581836137
11:10	11:20	2	Knowledge Graph Construction and Clause Classification for Intelligent Review of Construction Contracts	Weiyi Tang	2126061216572315910
11:20	11:30	3	A Local LLM-Based Intelligent Agent for Construction Scheme Compliance Review	Junting Liu	2126040222315594393
11:30	*11:40*		*Discussion / buffer*		
11:40	11:50	4	A hierarchical multi-objective optimization framework for rooftop PV deployment in existing building districts	Yanji Chen	2126040315235518601
11:50	12:00	5	Automation Ceiling of Quantity Surveying Tasks: A Universal Analytical Framework with Case Studies	kin Tsun Wonh	2126070220524930655

Start	End	Order	Paper title / activity	Presenter	Paper ID
Digital Twins, Data Collaboration, and AI in the Built Environment					
Sun, 22 Nov 2026 · 11:00–12:00 · LI-1507 · Parallel Session 2-2 · Session Chair · Prof. Xiaolong XUE					
11:00	11:10	1	Investigating Exploratory and Exploitative Innovation in Digitalized Construction: A Longitudinal Innovation Network Analysis	Xianyu Tan	2126062019173338555
11:10	11:20	2	Constructing and Measuring a Cross-Organizational Data Resource Orchestration Network for Urban Infrastructure	Xiaolong Xue	2126072513560124433
11:20	11:30	3	A Study on the Application of Building Intelligence and Autonomous Systems in Rural Cultural Venues	Caixiang Liang	2126031816160203631
11:30	11:40	4	Digital Twin Platform Design for Emergency Evacuation Monitoring in Hospital	Jianan Peng	2126042418002335534
11:40	11:50	5	Profiling AI Competence and Prompting Behavior across Occupational Groups in the AEC Sector: Evidence from Singapore	maruoyan shi	2126072721014942500
11:50	12:00	6	Bridging the Prompting Knowing-Doing Gap in Construction Project Management: A Diagnosis-Driven Adaptive Support System	MINGXUAN LIANG	2126072411551215790

Start	End	Order	Paper title / activity	Presenter	Paper ID
ESG, Costs, and Financing in Real Estate and Construction					
Sun, 22 Nov 2026 · 11:00–12:00 · LI-1601 · Parallel Session 2-3 · Session Chair · Dr. Qi PAN					
11:00	11:10	1	AI-Driven Intelligent Construction of ESG System in the Construction Industry: Research on Paths to Enhance Sustainability and Resilience	huiguang zhou	2126070123513095415
11:10	11:20	2	Cost Management and Optimization Strategies of Green Residential Buildings Using Value Engineering	Ruolan Liu	2126080321061762589
11:20	11:30	3	Green Responsibility, Better Performance: Evidence from the Construction Industry	Ran WANG	2126070215420321650
11:30	11:40	4	ESG PERFORMANCE AND THE COST OF DEBT FINANCING: EVIDENCE FROM CHINA'S A-SHARE REAL ESTATE AND CONSTRUCTION FIRMS	Junpeng Liao	2126040214065363432
11:40	11:50	5	Assistant Mechanisms in AI-Driven Financial Decision-Making for Construction Enterprises: A Systematic Literature Review	Zhaorong FENG	2126041723012664526
11:50	*12:00*		*Discussion / buffer*		

Start	End	Order	Paper title / activity	Presenter	Paper ID
Regional Construction Collaboration, Digital Economy, and Urban Governance					
Sun, 22 Nov 2026 · 11:00–12:00 · LI-1610 · Parallel Session 2-4 · Session Chair · Prof. Liqun XIANG					
11:00	11:10	1	Identification and Quantification of Influencing Factors for Cross-regional Construction Cooperation Mode Selection Based on Entropy Weight-TOPSIS Method	Liqun XIANG	2126041710545182173
11:10	11:20	2	Defining and Discovering Cooperation Modes in Cross-Regional Construction: A Data-Driven Taxonomy	Xiangping Zhang	2126040816173104590
11:20	11:30	3	Digital Business Environment and Regional Innovation and Entrepreneurship: Evidence from the Beijing-Tianjin-Hebei Urban Agglomeration	Jiayi Sun	2126040817195109404
11:30	11:40	4	Digital Economy Development Promotes Sustainable Urban-Rural Integration: Evidence from the National Big Data Comprehensive Pilot Zone Policy	Bin Xue	2126031821024102904
11:40	11:50	5	A Cross-System Dynamic Model for Quantifying Infrastructure Support for Urban Function	Tong Wang	2126092517114321743
11:50	12:00		Discussion / buffer		

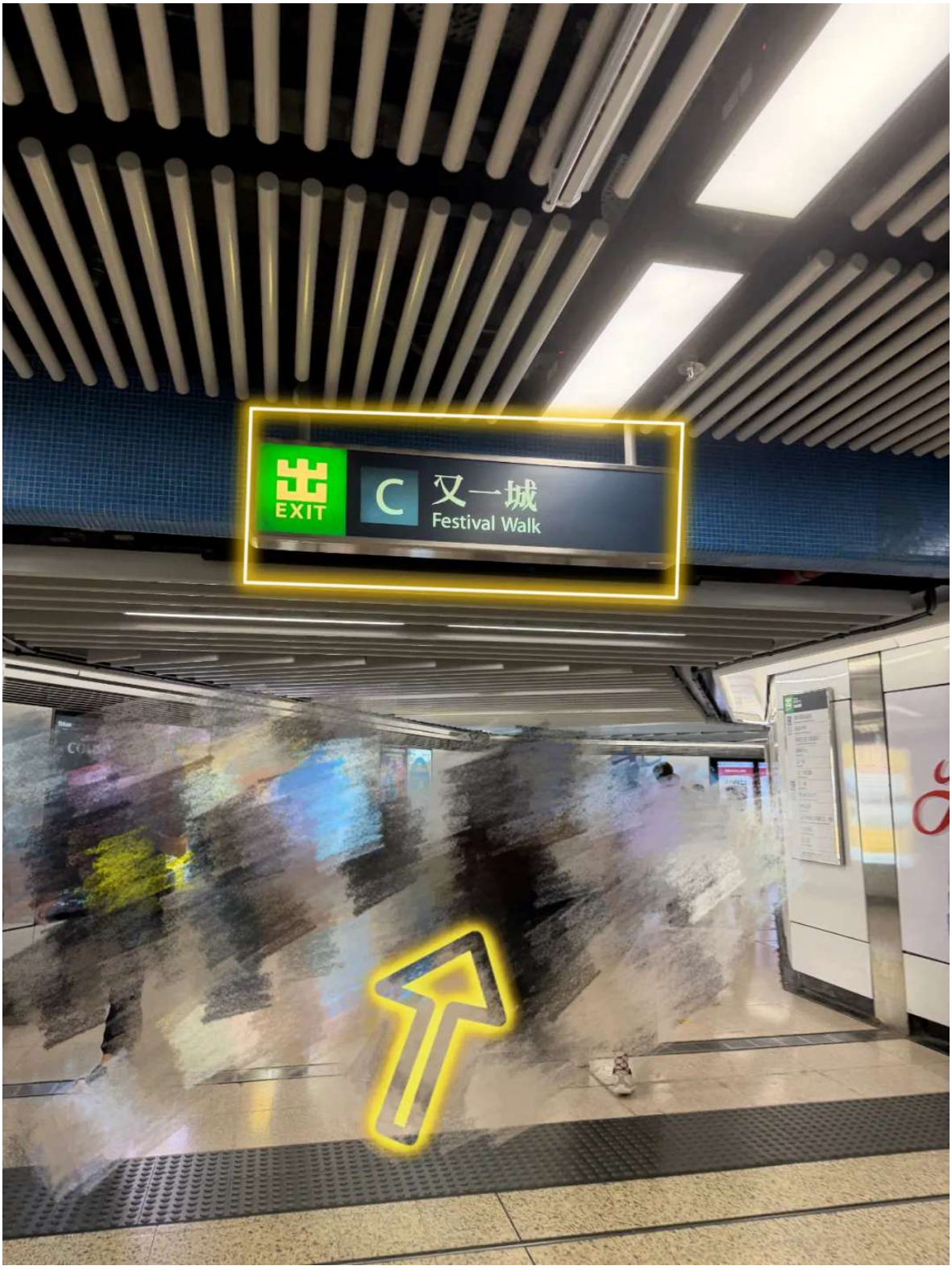
Start	End	Order	Paper title / activity	Presenter	Paper ID
Digital Transformation, Resilience, and Wellbeing in the Built Environment					
Sun, 22 Nov 2026 · 11:00–12:00 · LI-1614 · Parallel Session 2-5 · Session Chair · Dr. Ye YUAN					
11:00	11:10	1	Research on the Path to Enhancing Organizational Collaboration Efficiency in Construction Engineering Projects Based on BIM	Linlin Wang	2126032622404472168
11:10	11:20	2	From Digital Disruption to Organizational Resilience: How a Project Delivery Middle Platform Enables Intelligent Digital Transformation in Construction	XIANG HAO	2126072915054764585
11:20	11:30	3	A Study on Innovation in Incentive Mechanisms for Real Estate Marketers Empowered by Digital	YUE YANG	2126040109082471340
11:30	11:40	4	AI-ready industrial internet adoption and value resilience in construction firms: short-run market discount, ownership buffering and capital rigidity	Na Zhao	2126070300290835633
11:40	11:50	5	Research on the Impact of Intelligent Construction Pilot Policies on the Supply Chain Resilience of the Construction Industry	Ying Jiang	2126041622260612446
11:50	12:00	6	From Green and Healthy Buildings to Multidimensional Wellbeing: A Review of Evaluation, Performance Gaps, Trade-Offs, and Digital Support	Boya Gao	2126041013123532533

Getting to the Venue | 交通导航

By MTR | 港铁路线

1. Take the **Kwun Tong Line** or **East Rail Line** to **Kowloon Tong Station**. Follow signs for **Exit C2** towards Festival Walk.

乘坐**观塘线**或**东铁线**到**九龙塘站**，按 **C2 出口**指示前往又一城。



2. Follow the signs for **City University of Hong Kong.**
沿途跟随「香港城市大学」指示牌前行。



3. Inside Festival Walk, take the escalator marked in the photo.
进入又一城后，乘图中箭头所指的扶梯上楼。



4. When you see **Venchi**, take the next escalator up.
看到 **Venchi** 后，继续乘图中扶梯上楼。



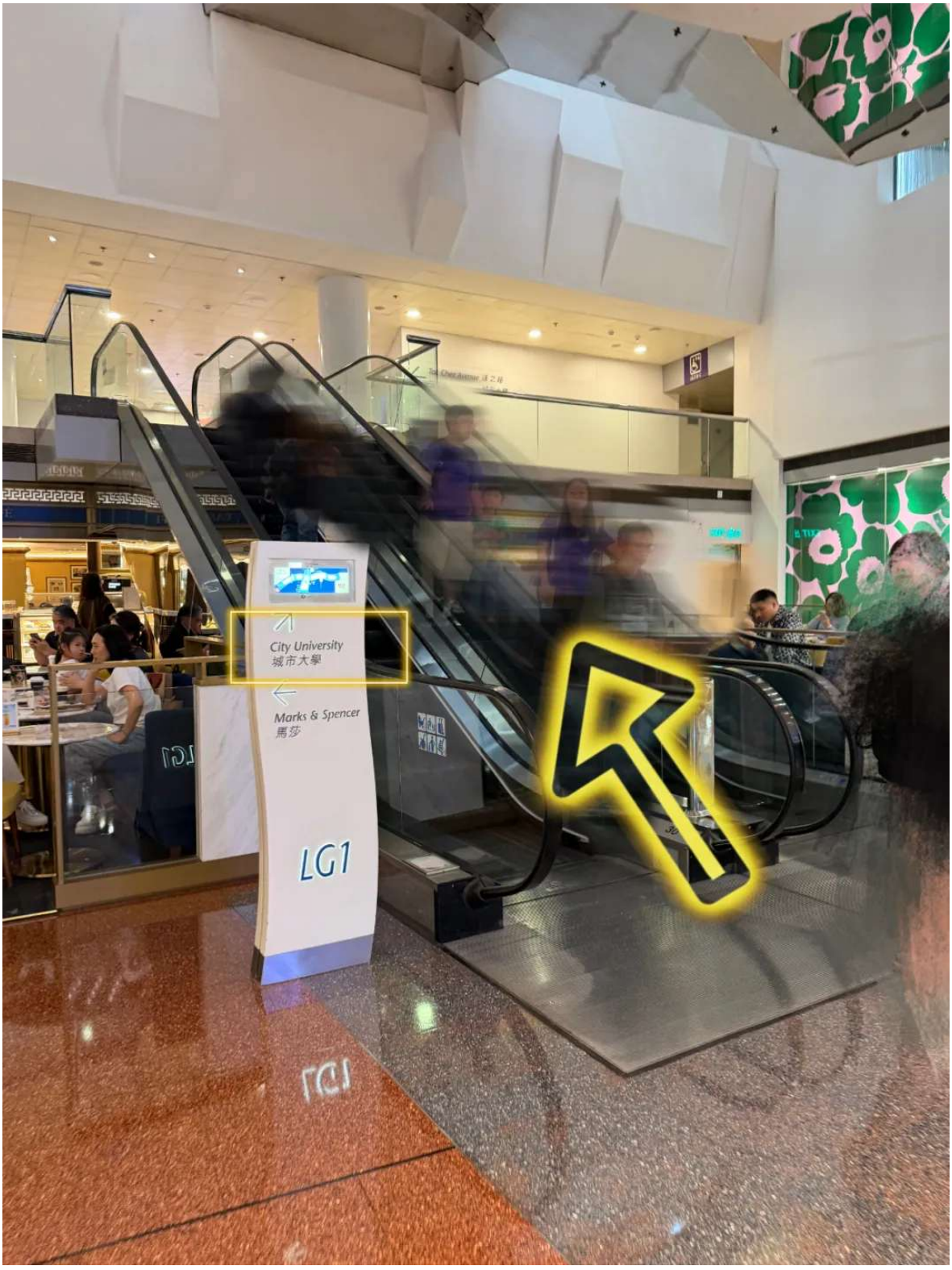
5. Turn right at the **COCKTAIL** shop.
看到 **COCKTAIL** 店铺后右转。



6. Continue straight along the shopping mall corridor.
沿商场走廊一直往前走。



7. Take the escalator shown in the photo towards the university.
乘图中扶梯上楼，往香港城市大学方向走。



8. Walk straight ahead to enter City University of Hong Kong.
沿直线行走，进入香港城市大学。



9. Scan your **campus entry QR code** at the gate, then take the escalator straight ahead.
在闸机处扫描**入校二维码**，进闸后乘正前方的扶梯上楼。



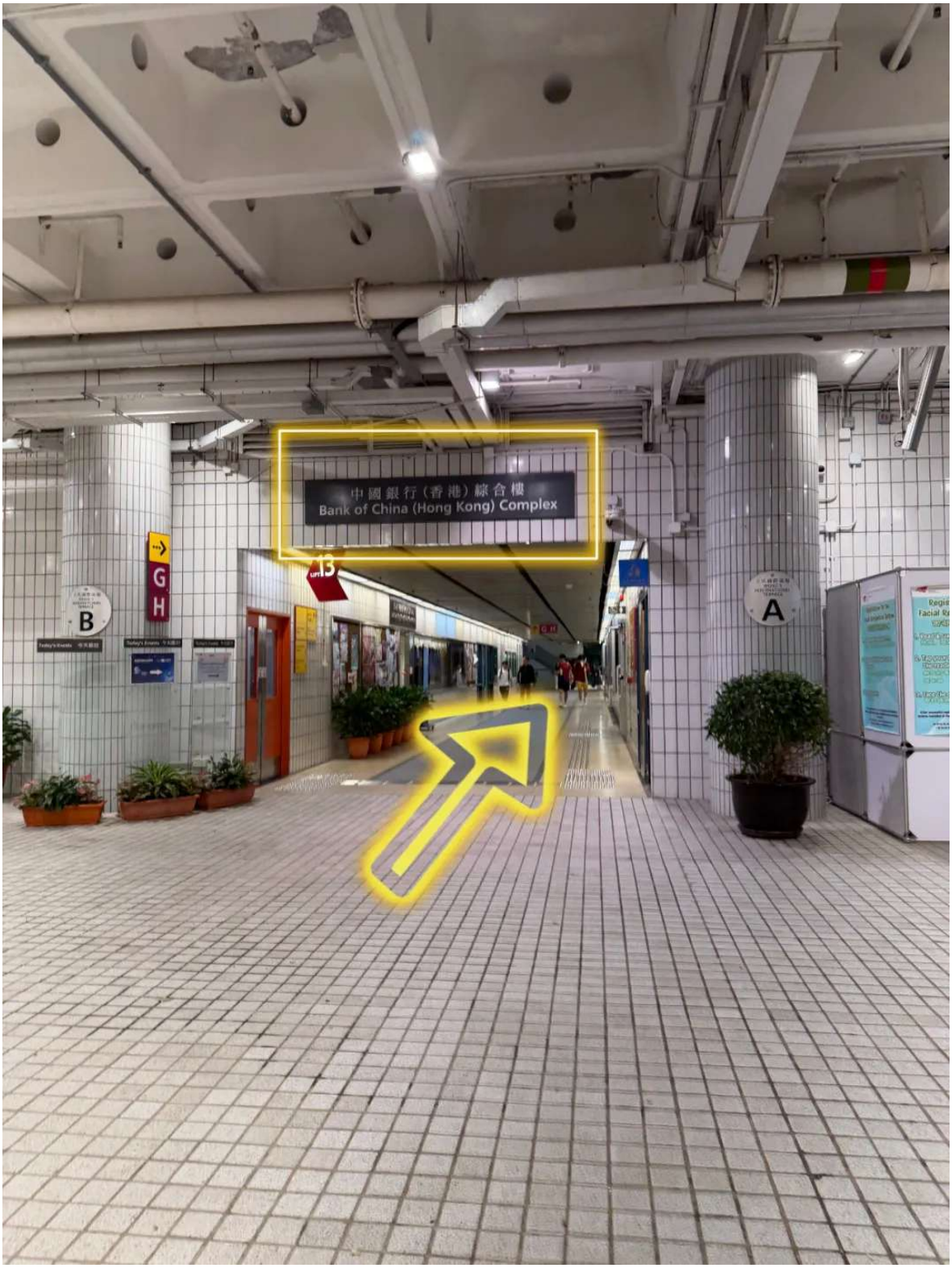
10. At the top, continue straight along the corridor.
上楼后沿走廊一直往前走。



11. Walk through the doors **between the two escalators.**
走**两部扶梯中间的门**，从门内穿过去。



12. Follow the arrow and continue along the passage.
按图中箭头方向，沿通道继续前行。



13. Walk past **Hu Fa Kuang Sports Centre.**
沿走廊经过**胡法光运动中心。**



14. Stay on the walkway and head towards the stairs ahead.
沿走廊直走，前往前方楼梯。



15. Go up the stairs beside the yellow sign for the **Li Dak Sum Yip Yio Chin Academic Building**.

看到「**李达三叶耀珍学术楼**」黄色指示牌后，沿旁边的楼梯上行。



16. Enter the building through the doorway shown and take the lift to **Level 3.**
从图中入口进入学术楼，乘电梯到 **3 楼。**



17. Turn left as you exit the lift to reach the venue.

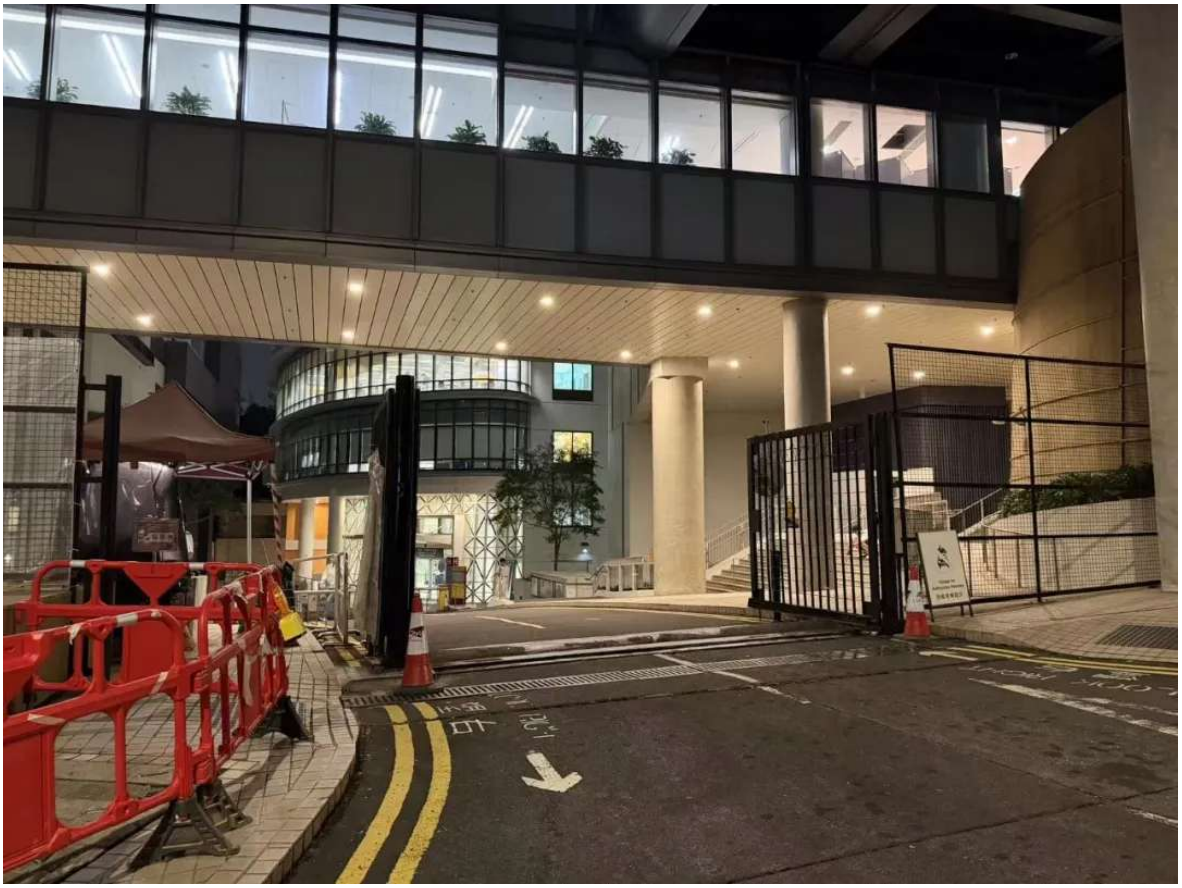
出电梯后左转，即到会场。



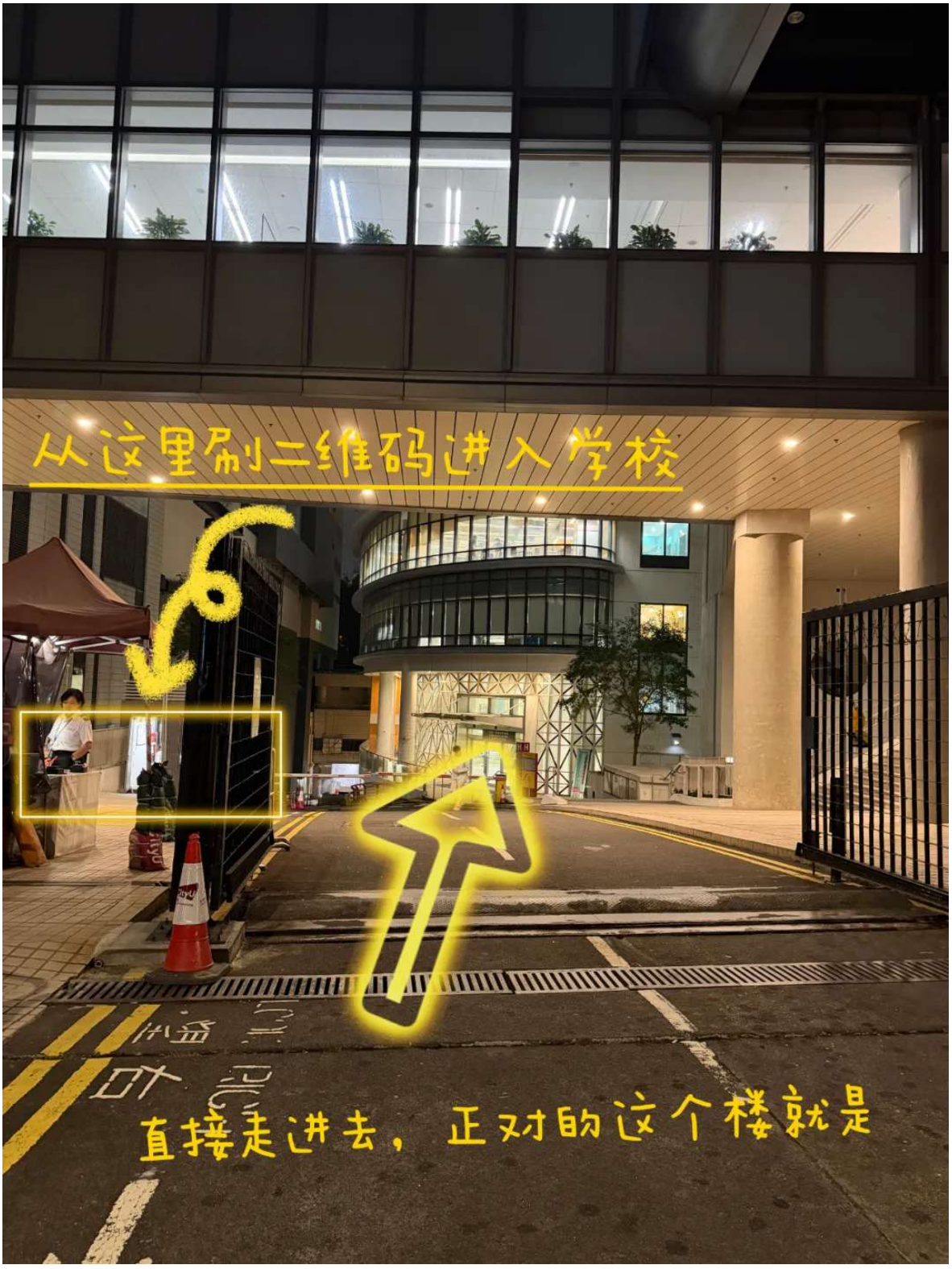
By Taxi | 出租车路线

1. Ask the driver to take you to the **Li Dak Sum Yip Yio Chin Academic Building, City University of Hong Kong (South Campus)**.

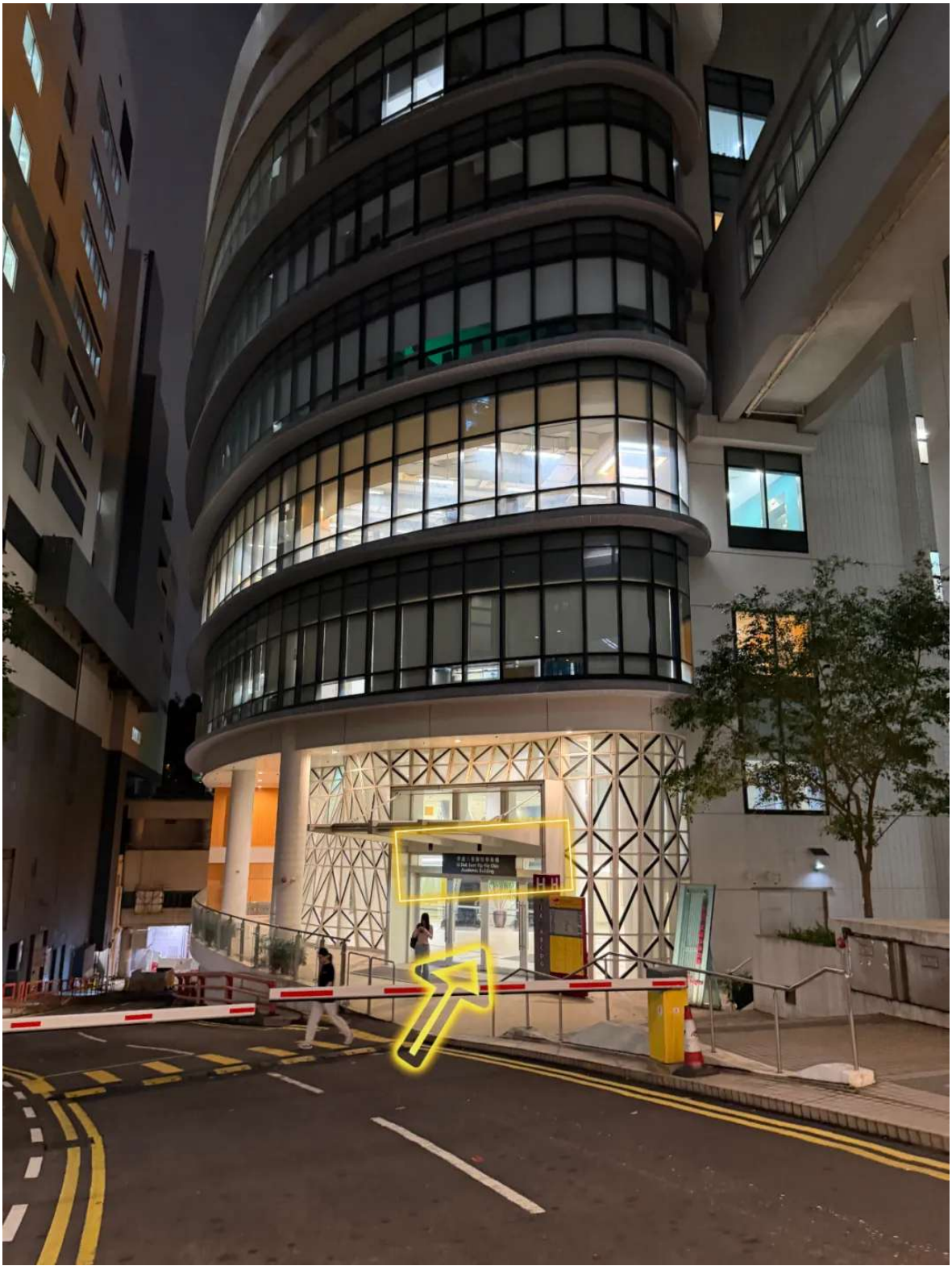
打车目的地请填写「香港城市大学南区李达三叶耀珍学术楼」。



2. After getting out, scan your **campus entry QR code** at the spot marked in the photo. Then walk straight into the campus.
下车后，在图中标示的位置扫描**入校二维码**，随后直走入校。



3. Enter the building directly ahead through the doorway marked in the photo.
沿路直走，从图中箭头所指的门进入正前方的大楼。



4. In the lobby, take the escalator on the left.

进入大堂后，乘左侧扶梯上楼。



5. Take the next escalator up, as shown in the photo.
按图乘下一段扶梯上楼。



6. Continue up the escalator beside the stairs.

乘楼梯旁的扶梯继续上楼。



7. At the top, walk straight down the corridor.

上楼后，沿走廊一直往前走。



8. Continue straight as shown in the photo to reach the venue.
按图中箭头方向继续直走，即到会场。



We look forward to welcoming you to ICCREM 2026 in Hong Kong!
期待与您相约香港，共同参与 ICCREM 2026!
20–22 November 2026 | Hong Kong, China
2026年11月20日至22日 | 中国香港