



2026 年建设与房地产管理国际学术研讨会通知 (ICCREM2026)

**2026 International Conference on Construction and Real Estate Management
(ICCREM 2026)**

会议主题: AI 重塑未来建筑环境: 智能化, 可持续化与韧性

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

2026 年 11 月 20 日-22 日 中国, 香港

20-22 November 2026 | Hong Kong, China

会议简介 Introduction

2026 年建设与房地产管理国际学术研讨会(ICCREM 2026)由哈尔滨工业大学、香港城市大学、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联合主办, 香港城市大学承办, 美国土木工程师学会施工分会, 中国建筑业协会建筑业高质量发展研究院, *Engineering, Construction and Architectural Management*、《工程管理学报》、香港青年科学家协会作为会议的支持单位。建设与房地产管理国际学术研讨会自 2003 年起每年召开一届, 2003-2012 年的会议论文集均被 ISTP 或 ISSHP 检索, 2013-2025 年的会议论文集均被 EI 检索。

The 2026 International Conference on Construction and Real Estate Management (ICCREM 2026) is jointly organized by Harbin Institute of Technology, City University of Hong Kong, 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), and Nottingham Trent University (UK). It is hosted by City University of Hong Kong. Supporting organizations include the Construction Institute of the American Society of Civil Engineers (ASCE), the High-Quality Development Research Institute of the China Construction Industry Association, the ECAM journal, the Journal of Engineering Management, and the Hong Kong Young Scientist Association (HKYSA). The International Conference on Construction and Real Estate Management has been held annually since 2003. The conference proceedings from 2003 to 2012 were indexed by ISTP or ISSHP, and those from 2013 to 2025 have been indexed by EI.



会议议题 Topics

本届会议涵盖的议题十分广泛，提交的论文涉及的主题包括但不限于下列内容：

This conference encompasses a broad range of topics. Submissions may address, but are not limited to, the following themes:

- 建筑智能化与自主系统
- AI 赋能的建筑运维与智能管控
- 建筑空间行为智能分析
- 数字孪生城市与智能建筑协同
- 建筑大模型与智能设计生成
- 智能化安全管理与主动风险预警
- 智能施工机器人与人机协作建造
- 人与建筑的互动

- 建筑环境韧性
 - 建筑业 ESG 体系建设
 - 智慧建造与建筑信息化
 - 绿色建造和可持续建设
 - 建筑工业化与供应链
 - 数字城市运维与管理
 - 建筑经济与房地产管理
 - 城市更新与居民福利
 - 建筑全生命周期评估
 - 装配式建筑与模块化施工
 - 太空工程与远地建造
 - 空-天-地测绘与定位
- Building Intelligence and Autonomous Systems
 - AI-Enabled Building Operation, Maintenance, and Smart Control
 - Intelligent Analysis of Spatial Behavior in Buildings
 - Digital Twin Cities and Smart Building Integration
 - Foundation Models for Buildings and Intelligent Design Generation
 - Intelligent Safety Management and Proactive Risk Early Warning
 - Intelligent Construction Robotics and Human – Robot Collaborative Construction
 - Human – Building Interaction
 - Built Environment Resilience
 - ESG Framework Development in the Construction Industry
 - Smart Construction and Building Informatization
 - Green Construction and Sustainable Development
 - Construction Industrialization and Supply Chain Management
 - Digital City Operations and Management
 - Construction Economics and Real Estate Management
 - Urban Renewal and Resident Well-being
 - Building Life Cycle Assessment
 - Prefabricated Buildings and Modular Construction
 - Air-Space-Ground Surveying and Positioning
 - Space Engineering and Off-Earth Construction

会议出版物 Publications

本次会议的论文集将由 ASCE 出版社出版，所有论文将收录于 ASCE 数据库，并由 ASCE 出版社提交 EI 数据库检索。根据评审专家的意见，部分高质量论文将被评为年度优秀论文，部分优秀论文将被推荐到 Engineering,

Construction and Architectural Management 等 SCI 高质量期刊的特刊，经过适当修改后出版。

Conference proceedings will be published by ASCE Press. All accepted papers will be included in the ASCE Library database and submitted to EI Compendex for indexing. Based on reviewers' evaluations, selected high-quality papers will be recognized as Outstanding Papers of the Year, and some will be recommended for publication in a special issue of *ECAM* following appropriate revisions.

重要期限 (北京时间) Important Dates (Beijing Time)

■ 2026 年 11 月 20-22 日：会议时间

- 20-22 November 2026: Conference dates

会议主旨演讲嘉宾 Keynote Speakers:



陳炳泉教授，中国 香港理工大学

Professor CHAN Albert Ping Chuen, MH, The Hong Kong Polytechnic University, China

杰出研究教授；基础设施交付研究中心主任

Distinguished Research Professor; Director, Centre for Infrastructure Delivery



AL-HUSSEIN Mohamed 教授, 加拿大·阿尔伯塔大学

Professor AL-HUSSEIN Mohamed, PhD, PEng, University of Alberta, Canada

土木与环境工程系教授; 加拿大自然科学与工程研究理事会建筑工业化产业研究讲席教授

Professor; NSERC Industrial Research Chair in the Industrialization of Building Construction



鄭展鵬教授, 中国·香港科技大学

Professor CHENG Jack Chin Pang, The Hong Kong University of Science and Technology, China

土木与环境工程系副主任、教授; BIM 实验室主任; 建筑环境数字孪生中心主任

Associate Head and Professor; Director, BIM Lab; Director, Center for Digital Twin on the Built Environment



方东平教授, 中国·清华大学

Professor FANG DongPing, Tsinghua University, China

未来城镇与基础设施研究院院长、教授

Professor; Director, Institute for Future Cities and Infrastructures



刘炳胜教授, 中国·河北工业大学

Professor LIU BingSheng, Hebei University of Technology, China

副校长、教授、博士生导师

Vice President; Professor and Doctoral Supervisor



VARGA Liz 教授，英国·拉夫堡大学

Professor VARGA Liz CBE, Loughborough University, United Kingdom

复杂系统教授；建筑环境人工智能博士培养中心主任

Professor of Complex Systems; Director, Centre for Doctoral Training in Artificial Intelligence for the Built Environment (AI4BE)



王要武教授，中国·哈尔滨工业大学

Professor WANG YaoWu, Harbin Institute of Technology, China

教授；《工程管理学报》主编

Professor; Editor-in-Chief, Journal of Engineering Management



沈岐平教授，中国·香港理工大学

Professor SHEN Geoffrey Qiping, The Hong Kong Polytechnic University, China

协理副校长（环球合作）；环球事务总监；建筑管理讲座教授

Associate Vice President (Global Partnerships); Director of Global Engagement; Chair Professor of Construction Management



王盛卫教授，中国 香港理工大学

Ir Professor WANG Shengwei, The Hong Kong Polytechnic University, China

智慧能源研究院院长；建筑能源与自动化讲座教授；潘乐陶慈善基金智慧建筑教授

Director, Research Institute for Smart Energy; Chair Professor of Building Energy and Automation; Otto Poon Charitable Foundation Professor in Smart Buildings



邹小伟教授，中国·长安大学

Professor ZOU Patrick X.W., Chang'an University, China

经济与管理学院管理科学与工程系教授

Professor, Department of Management Science and Engineering, School of Economics and Management



会议地点简介 Conference Venue

香港，全称香港特别行政区，地域包括香港岛、九龙（和“新界”，位处广东省珠江口东侧。香港地处南海北岸，北沿深圳河毗邻广东省深

圳市，西隔珠江与澳门、珠海相望。地处西太平洋沿岸各国中心，又当太平洋和印度洋航运要冲，是亚洲重要的商贸和金融中心、国际商业枢纽、国际金融中心、国际都会、国际航运和贸易中心。

Hong Kong, officially the Hong Kong Special Administrative Region. It is a major city in the Pearl River Delta, the Guangdong - Hong Kong - Macao Greater Bay Area, and the Asia-Pacific region. Hong Kong comprises Hong Kong Island, Kowloon, and the New Territories, situated on the eastern side of the Pearl River Estuary in Guangdong Province. Bordering Shenzhen across the Shenzhen River to the north, Hong Kong lies opposite Macau and Zhuhai across the Pearl River to the west. Hong Kong occupies a central location among the nations along the western Pacific coast and serves as a crucial junction for Pacific and Indian Ocean shipping routes. It is a vital commercial and financial hub in Asia, an international business center, a global financial centre, and a leading international metropolis and centre for shipping and trade.



Department of
Architecture and Civil Engineering

香港城市大學
City University of Hong Kong

香港城市大学简介 City University of Hong Kong

香港城市大学（City University of Hong Kong，简称城大）位于中国香港特别行政区地处地理与文化中心，是一所充满活力的公立研究型综合大学，为香港特别行政区政府资助的八所大学教育资助委员会（UGC）资助高校之一，同时被纳入中国教育部“国家重点高校”名单。作为粤港澳高校联盟、京港大学联盟、中俄工科大学联盟及沪港大学联盟的核心成员，城大积极促进区域与国际高等教育合作，并在商科领域获得国际商学院协会（AACSB）与欧洲质量发展体系（EQUIS）双重认证，彰显其全球认可的办学质量。城大以“创新、跨学科、国际化”为发展战略，聚焦前沿科研与高质素专业教育，致力于为气候变化、公共卫生、智慧城市、可持续发展等全球性议题提供解决方案，推动具有深远意义的

社会变革。校训“敬业乐群”凝聚了学校对学术卓越与社会责任的双重承诺。近年来，学校持续推进“HK Tech 30”十年发展蓝图，并在东莞设立“香港城市大学（东莞）”，深化融入粤港澳大湾区科技创新生态。

在国际权威排名中，在 2025-2026 年度香港城市大学表现卓越：在《QS 世界大学排名》中位列第 63 位，在《泰晤士高等教育世界大学排名》（THE）中居第 73 位，在《U.S. News 全球最佳大学排名》中高居第 54 位，更在以科研硬指标著称的《软科世界大学学术排名》（ARWU）中位列第 99 位。值得一提的是，在香港及澳门地区，仅有香港城市大学与香港大学两所高校在 QS、THE、U.S. News 和 ARWU 四大主流排名体系中均稳居全球前 100 名，充分彰显城大全面而扎实的综合实力，赢得国际高等教育界的广泛认可。

City University of Hong Kong (CityU) is a dynamic public research-intensive comprehensive university situated at the geographical and cultural heart of the Hong Kong Special Administrative Region, China. As one of the eight institutions funded by the University Grants Committee (UGC) of the HKSAR Government, CityU is also included in the Ministry of Education of China's list of "National Key Universities". A core member of the Guangdong – Hong Kong – Macao University Alliance, the Beijing – Hong Kong Universities Alliance, the Sino-Russian Engineering Universities Alliance, and the Shanghai – Hong Kong University Alliance, CityU actively fosters regional and international collaboration in higher education. In the field of business education, the University holds dual accreditation from the Association to Advance Collegiate Schools of Business (AACSB) and the European Quality Improvement System (EQUIS), attesting to its globally recognized standards of excellence.

Guided by its strategic pillars of "Innovation, Interdisciplinarity, and Internationalization", CityU is committed to cutting-edge research and high-quality professional education, dedicated to developing solutions for pressing global challenges such as climate change, public health, smart cities, and sustainable development, and to driving transformative societal impact. The University motto, "Officium et Civitas" (Professional Excellence and Societal Engagement), encapsulates its dual commitment to academic distinction and social responsibility. In recent years, CityU has been advancing its "HK Tech 300" ten-year blueprint and has established City University of Hong Kong (Dongguan) to deepen its integration into the science and technology innovation ecosystem of the Guangdong – Hong Kong – Macao Greater Bay Area.

In 2025 – 2026, CityU has achieved outstanding performance in major international rankings: 63rd in the QS World University Rankings, 73rd in the Times Higher Education (THE) World University Rankings, 54th in the U.S. News Best Global Universities Rankings, and 99th in the Academic Ranking of World Universities (ARWU), renowned for its rigorous research-based metrics. Notably,

within Hong Kong and Macao, only CityU and the University of Hong Kong have secured positions within the global top 100 across all four major ranking systems, such as QS, THE, U.S. News, and ARWU, demonstrating CityU's comprehensive and robust institutional strength and earning widespread recognition in the international higher education community.

建筑与土木工程系 Department of Architecture and Civil Engineering(ACE)

建筑与土木工程系隶属于工学院，是学校重点发展的工程学科之一。该系打破传统学科边界，融汇建筑设计、结构工程、建筑物理与可持续技术，构建了从本科（建筑工程工学士）到哲学硕士/博士（MPhil/PhD）的完整人才培养体系。课程注重理论与实践结合，强调数字化、低碳化与智能化，已获香港工程师学会（HKIE）等专业机构初步认可。在 2025 年 QS 世界大学学科排名中，城大“土木与结构工程”位列全球第 46 位，稳居香港前三。该系的研究实力雄厚，聚焦智能建造（如 BIM、数字孪生、机器人施工）、绿色与零碳建筑、先进复合材料、基础设施韧性、城市灾害风险管理及智慧城市系统等前沿方向。依托结构实验室、建筑环境与能源实验室、智能建造与机器人平台等一流科研设施，师生在高水平期刊持续发表成果，并承担多项政府及业界资助的重大项目。同时，该系与麻省理工学院、苏黎世联邦理工学院、清华大学、新加坡国立大学等全球顶尖学府，以及 Arup、AECOM、新鸿基地产等领先企业保持紧密合作，积极推动教学创新、技术转化与产学研融合，为香港、大湾区乃至全球的可持续城市发展提供智力支持与人才保障。

The Department of Architecture and Civil Engineering, under the College of Engineering, is one of the University's key engineering disciplines. Transcending traditional disciplinary boundaries, the Department integrates architectural design, structural engineering, building physics, and sustainable technologies, offering a comprehensive talent development pathway from undergraduate studies (BEng in Architectural Engineering) through to MPhil and PhD programs. The curriculum emphasizes the integration of theory and practice, with a strong focus on digitalization, decarbonization, and intelligent technologies. The programs have received provisional accreditation from professional bodies including the Hong Kong Institution of Engineers (HKIE). In the 2025 QS World University Rankings by Subject, CityU's "Civil and Structural Engineering" ranked 46th

globally, placing firmly among the top three in Hong Kong.

The Department boasts formidable research capabilities, with focal areas including intelligent construction (such as BIM, digital twins, and robotic construction), green and zero-carbon buildings, advanced composite materials, infrastructure resilience, urban disaster risk management, and smart city systems. Supported by world-class research facilities, including the Structural Engineering Laboratory, the Building Environment and Energy Laboratory, and the Smart Construction and Robotics Platform, faculty and students consistently publish in high-impact journals and undertake major projects funded by government and industry. Furthermore, the Department maintains close collaborations with leading global institutions such as the Massachusetts Institute of Technology (MIT), ETH Zürich, Tsinghua University, and the National University of Singapore, as well as industry leaders including Arup, AECOM, and Sun Hung Kai Properties. These partnerships actively promote pedagogical innovation, technology transfer, and industry – academia – research integration, providing intellectual support and talent development for sustainable urban development in Hong Kong, the Greater Bay Area, and beyond.

会议主席团 Conference Leadership

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2026年建设与房地产管理国际学术
研讨会通知

中国，香港