

# "Innovation & Challenges"

## International Seminar on Reform in Contemporary Construction Engineering Design and Application Technology

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**Organizer :**



澳門建築師協會  
Architects Association of Macau



澳門金屬結構協會  
Macau Society of Metal Structures

**Co-organizer :**



澳門科技大學  
MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY



人文藝術學院  
Faculty of Humanities and Arts



澳門專業工程管理人協會  
Professional Engineering Managerial Personnel  
Association of Macau

**Theme :** "Innovation & Challenges"

International Seminar on Reform in Contemporary Construction Engineering Design and Application Technology

**Date /Time :** 2025/1/10 (Friday) (9:30-12:30,14:00-17:30 Total 6.5 hours)

**Venue :** Conference Hall, Ground Floor, Block D, Macau University of Science and Technology

**Language :** Mandarin/Cantonese/English

**Registration fee :** Free (if a certificate of attendance is required, an administrative fee of MOP 50 will be charged, and the attendance rate reaches 80% or above)

**Number of attendees:** 120 people

**Target audience :** Management, design, engineering and technical personnel engaged in construction and related industries, including professionals such as architects and civil engineers.

**CPD hours:** CPD hours will be applied through CAEU

**CPD Certificate:** A certificate will be issued upon notification (\*\*Note: Online registration, check-in, and check-out are required).

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# "Innovation & Challenges" International Seminar on Reform in Contemporary Construction Engineering Design and Application Technology

## Seminar schedule:

Date	Time	Activity / Topic	Speakers / Guest	
2025/1/10 (Friday) Morning Section	09:00-09:30	Register on site		
	09:30-09:40	Opening speech and presentation of souvenirs		
	09 :40-10 :20	<u>Topic (1):</u> New Humanism—Towards Human-Machine Collaborative Intelligent Design and Construction	Yuan Feng (袁烽) Architect Associate Dean / Professor Faculty of Architecture and Urban Planning, Tongji University	
	10:20 - 11:00	<u>Topic (2):</u> ZHA Innovation & Intelligence	Satoshi Ohashi(大橋諭) Architect Director of China Zaha Hadid Architects Ltd.	
	Tea break (11 :00-11 :10)			
	11 :10-11 :50	<u>Topic (3):</u> Adapt to the place and Evolve with the times	Qi Bin (祁斌) Architect / Professor-level Senior Architect/ Chief Architect Architectural Design & Research Institute Tsinghua University	
11 :50-12 :30	<u>Topic (4):</u> Adaptive architecture — When the Future Meets History	Dora Dong (董韋佳) Senior Associate Principal Kohn Pedersen Fox Associates		
<b>Lunch Break (12 :30-14 :00)</b>				
2025/1/10 (Friday) Afternoon Section	14:00 - 14:40	<u>Topic (5):</u> Cutting-Edge Innovation in Smart Construction Technology	Lu Yujie (盧昱傑) Engineer/ Professor Faculty of Civil Engineering Tongji University	
	14 :40 15:20	<u>Topic (6):</u> Adopting Innovative Technologies in Building Façades	Dr. Yu Weijian (余偉健) Engineer Principal of Alpha Consulting Ltd.	
	15:20 - 15:50	<u>Topic (7):</u> Innovation and Identity: Creating Meaningful Cities through the Interpretation of Urban Fabric	Rui Leão(利安豪), PhD, Architect Partner at LBA, Arquitectura e Planeamento	
	Tea break (15 :50-16 :00)			

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	Time	Activity / Topic	Speakers / Guest
<b>2025/1/10 (Friday) Afternoon Section</b>	16:00 - 16:30	<u>Topic (8):</u> Complex Curtain Wall Design and Intelligent Production	Simon Chan(陳新能) Far East Curtain Wall (Macau) Co., Ltd.
	16 :30 - 17 :00	<u>Topic (9):</u> Super Glass Innovation: Challenging Modern Architecture	Li Chun chao (李春超) Senior Engineer Tianjin NorthGlass Glass Industrial Technology Co., Ltd.
	17 :00- 17 :15	<u>Topic (10):</u> Current Development of digitalization in building construction and monitoring in Macao	Miguel Cunha, Civil Engineer Genyfield Construction Co., Ltd..
	17:15 - 17 :30	Q&A	

\*\* The above is the preliminary seminar and schedule, subject to the final confirmation of the seminar \*\*