

JOINT SCCT-HKCI INTERNATIONAL CONFERENCE ON CONCRETE TECHNOLOGIES 2025

Future-Ready Infrastructure:
Recent Focus on Innovative Cementitious Composites
and Sustainable Construction

面向未來的城市建設：創新水泥物料與可持續建築

12TH DEC, 2025

08:30 - 17:30

Lam Chik Ho Lecture Theatre (Z209)

The Hong Kong Polytechnic University



Standing Committee on
Concrete Technology
混凝土科技常務委員會



Hong Kong Concrete Institute
香港混凝土學會



THE HONG KONG
POLYTECHNIC UNIVERSITY

香港理工大學
土木及環境工程學系

Department of Civil and Environmental Engineering

Supporting Organisations



Conference Highlights

Join us at the Joint SCCT-HKCI International Conference on Concrete Technologies 2025—Future-Ready Infrastructure. This event will feature cutting-edge topics including low-carbon and high-performance concretes (GGBS, UHPC), capsule-enabled material innovations, rapid-setting solutions for fast pavement replacement, and waste-to-value systems. Focus areas include productivity and resilience in urban infrastructure, modular and lightweight construction, and practical guidance for Hong Kong applications through a new UHPC guidebook. Discover how these advancements are shaping tomorrow's sustainable, high-performance cities.

Who should attend?

- Engineers and professionals from Government, public authorities, consultants, contractors and materials suppliers.
- Academics, scientists and graduates from universities, and public and private research institutions.

08:30	Registration
09:00	<p>Welcoming Address</p> <p>Prof Jin-guang TENG President, The Hong Kong Polytechnic University</p>
09:10	<p>Opening Speech cum Launching Ceremony of Guidebooks on the Use of Ultra-High Performance Concrete for Hong Kong Practice</p> <p>Ir Michael FONG, JP Director of Civil Engineering and Development</p>
09:30	Group Photo
<i>Morning Session: Chaired by Ir Dr Tommy LO</i>	
09:45	<p><i>Pioneering the Application of UHPC in Hong Kong Infrastructure Development by CEDD</i></p> <p>Ir Wallace TAM Senior Engineer, North Development Office & Ir Alan HU Senior Engineer, West Development Office, Civil Engineering and Development Department</p>
10:10	<p><i>Recent Developments on the use of GGBS and other Innovative Materials for Concrete</i></p> <p>Ir Jenny YEUNG Deputy Head of Geotechnical Engineering Office (Planning & Testing), Civil Engineering and Development Department</p>
10:35	Tea Break
10:55	<p><i>Innovative Capsule Technology for High Performance Concrete Materials</i></p> <p>Dr Yanmin WU Associate Director of Research & Development (Construction), NAMI and Mr Frank ZOU Senior Engineer (Construction), NAMI</p>
11:20	<p><i>Advancing Urban Infrastructures Through Innovation in UHPC Technology</i></p> <p>Dr Xiaojun ZHOU Xihua University</p>
11:45	<p><i>Synergistic Integration of Resin Chemistry to Restore Integrity of Cementitious Concrete</i></p> <p>Dr Sindhu MENON ARDEX-QUICSEAL, Member of the South East Asia Drymix Mortar Association (SEADMA) and Singapore Green Building Council (SGBC)</p>
12:10	Morning Session Panel Discussion
12:40	Lunch

14:00	<p style="text-align: center;"><i>Afternoon Welcome Address</i></p> <p style="text-align: center;">Ir Dr Jaime YEUNG President, The Hong Kong Concrete Institute</p>
14:05	<p style="text-align: center;"><i>Afternoon Opening Speech</i> <i>cum Presentation of Certificates of Appointment to Members of</i> <i>Expert Advisory Panel of the Standing Committee on Concrete Technology</i></p> <p style="text-align: center;">Ir Dr Raymond CHEUNG, JP Head of Geotechnical Engineering Office, Civil Engineering and Development Department</p>
<i>Afternoon Session: Chaired by Prof JG DAI</i>	
14:25	<p style="text-align: center;"><i>Low Carbon High Performance Lightweight Concrete</i></p> <p style="text-align: center;">Ir Prof CS POON, JP Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University</p>
14:50	<p style="text-align: center;"><i>Synergize Waste Reduction with Decarbonation:</i> <i>A Holistic System Converting Waste into Value-added Construction Materials</i></p> <p style="text-align: center;">Dr Xiangping XIAN Assistant Professor, Department of Architecture and Civil Engineering, City University of Hong Kong</p>
15:15	<p style="text-align: center;"><i>Rapid-Setting Concrete Solutions for Pavement Replacement</i></p> <p style="text-align: center;">Mr Tony BORGLUM Technical Director, Richway Industries, USA</p>
15:40	<i>Tea Break</i>
16:00	<p style="text-align: center;"><i>Green Lightweight Concrete for Modular Buildings:</i> <i>from Material Innovation to Building Simulation</i></p> <p style="text-align: center;">Ir Prof Hailong YE Associate Professor, Department of Civil Engineering, The University of Hong Kong</p>
16:25	<p style="text-align: center;"><i>Development of Semi-flexible Pavement for Heavily Trafficked Road in Hong Kong</i></p> <p style="text-align: center;">Mr Vincent KWOK Senior Engineer, Highways Department and Prof Zhen LENG Professor, The Hong Kong Polytechnic University</p>
16:50	<i>Afternoon Session Panel Discussion</i>
17:20	<p style="text-align: center;"><i>Closing Speech</i></p> <p style="text-align: center;">Ir KK YAM Co-Chairperson of Organising Committee of the Joint Conference</p>
17:25	<i>End of Conference</i>

International Conference 2025 - Enrolment Form

Name: (Ir/Prof/Dr/Mr./Mrs./Ms./Miss) _____

(to be printed on CPD certificate)

中文姓名: _____

Company/Institution Name: _____ Position held: _____

Contact Telephone (Office): _____ Mobile: _____

(for facilitating registration)

Contact E-mail: _____

Membership Type (if any) & Enrolment fee:

(Enrolment deadline: **30th November 2025**, Early bird: **15th November 2025**)

	Enrolment Fee	Early Bird (before 31/10)	Group (≥ 5 people)
<input type="checkbox"/> Non-Member	HK\$850	HK\$700	HK\$600
<input type="checkbox"/> Members of Co-organising and Supporting Organisations	HK\$750	HK\$600	HK\$600
<input type="checkbox"/> Full-time student	HK\$250	N/A	N/A

- All cancellation must be in writing before the enrolment deadline via email to the Conference Secretary (hkci.hkci@gmail.com).
- CPD certificates will be sent to participants after seminar by e-mail.
- In case seminar is full before enrolment completion, payment made will be returned after the seminar.
- The Organizers reserve all rights to make any changes to the programme and speakers without prior notice.
- The seminar will be cancelled or terminated if No. 8 typhoon signal or black rainstorm warning is hoisted 2 hours before commencement of the seminar. If the seminar cannot be held on another day, all enrolment fees will be refunded.

Enrolment

- Enrolment can be made by completing this form and send it to the Conference Secretary (hkci.hkci@gmail.com) or at <https://www.hongkongci.org/registration/>
- You will be requested to upload payment record (subject to type of payment) during the enrolment process.
- Enrolment is completed only when payment is successfully credited to the bank account of HKCI.
- For group enrolment ≥ 5 persons, make a single payment of all participants.
- For group reservation by organizations, in case some time is required for payment arrangement, it is recommended to contact the HKCI Secretary for reservation of seats first, while the payment is to be settled not later than the enrolment deadline.

Payment

Please arrange payment by one of the following methods before enrolment.

1) Online payment/bank transfer/ATM payment service/cash deposit:

Please pay to HKCI's Hang Sang Bank account:

Account: Hong Kong Concrete Institute Limited: 264-301698-001

2) By cheque:

Please mail the crossed cheque payable to "Hong Kong Concrete Institute Limited" to the HKCI Secretariat, P.O. Box 79077, Mongkok Post Office, Mongkok, Kowloon. Post-dated cheques are not accepted. Enrolment is completed only when payment is received by HKCI before enrolment deadline according to mail chop.

The personal data collected and further processed are data necessary for registering you for this international conference. The Organizers will use the personal information to process your registration and communicate with you. By submitting this registration form, you have agreed to allow the Organizers to process your registration with the information in this form.

For Enquiries

Please contact the Conference Secretariat via +852 2789 2389 or hkciseminar@gmail.com