

JOINT SCCT-HKCI INTERNATIONAL CONFERENCE ON CONCRETE TECHNOLOGIES 2024

Emerging Technologies and Trends of Concrete and
Related Materials Shaping the Cities of Tomorrow

20TH DEC, 2024

08:30 – 17:30

Jockey Club Auditorium

The Hong Kong Polytechnic University



Supporting Organisations



Conference Highlights

Join us at the International Conference on “Emerging Technologies and Trends of Concrete and Related Materials Shaping the Cities of Tomorrow”. This event will feature presentations on cutting-edge topics such as advanced concrete technologies, innovative materials, and prefabrication techniques. Focus areas include construction productivity, labor-saving, and low-carbon solutions in both civil and building engineering projects. Discover how these advancements are shaping the cities of tomorrow and driving excellence in the industry.

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.

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| 08:30 | Registration |
| 09:00 | <p>Welcoming Address</p> <p>Ir Michael FONG Hok-shing, JP Director of Civil Engineering and Development, Civil Engineering and Development Department</p> |
| 09:10 | <p>Opening Speech</p> <p>Ir Ricky LAU Chun-kit, JP Permanent Secretary for Development (Works), Development Bureau</p> |
| 09:25 | Group Photo |
| | <p>Morning Session: Chaired by Ir Dr Tommy LO</p> |
| 09:40 | <p>Keynote Presentation: <i>The Recent Initiatives on the Development of Innovative Construction Materials</i></p> <p>Ir Dr Raymond CHEUNG Wai-man, JP Head of Geotechnical Engineering Office, Civil Engineering and Development Department</p> |
| 10:10 | <p><i>Innovative Research and Engineering Cases of Ultra High Performance Concrete (UHPC) Applied in Bridge Engineering</i></p> <p>Prof H ZHANG 中交長江建設發展集團有限公司 — 高級顧問</p> |
| 10:40 | <p><i>The Future of Cities Begins in Factories: Accelerating Urban Evolution through Prefabrication – The Global Shift from Labor-intensive to Time Saving Solutions</i></p> <p>Mr Tobias SCHAEFER Global Development Manager - Prefab, Ardex Group, Germany</p> |
| 11:10 | Tea Break |
| 11:30 | <p><i>Next-Gen Grouts Realizing Precision, Safety and Durability in Infrastructure Construction</i></p> <p>Ir Gregory SIEDERS Technical Advisor for Civil Engineering Solutions, Tiger Engineered, Australia</p> |
| 12:00 | Morning Session Panel Discussion |
| 12:30 | Lunch |

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| 14:00 | <p><i>Afternoon Welcome Address</i> Ir Dr Jaime YEUNG President, Hong Kong Concrete Institute</p> |
| 14:10 | <p><i>Afternoon Opening Speech</i> Ir Jenny YEUNG Chairperson, Standing Committee on Concrete Technology</p> |
| | <p><i>Afternoon Session:</i> Chaired by Ir Roy HUNG</p> |
| 14:20 | <p><i>Keynote Presentation: Development of Low-carbon and High-performance Fiber-reinforced Geopolymer Cementitious Composites</i> Prof JG DAI Head & Chair Professor in Structural Engineering Department of Architecture and Civil Engineering Department, City University of Hong Kong</p> |
| 14:50 | <p><i>Labour & Time Saving Marvels: Accelerating Construction and Prefabrication Works with Cutting-Edge Floor Screed Technology</i> Dr Hannes RAUE Head of Product Management and Technical Services, Bei Knopp, Germany</p> |
| 15:20 | <p><i>Tea Break</i></p> |
| 15:40 | <p><i>Sustainable Construction: Innovations in Low-Carbon Concrete Technology</i> Dr ZHANG Shipeng Assistant Professor, The Hong Kong Polytechnic University</p> |
| 16:10 | <p><i>The Use of Glass Fibre Reinforced Polymer (GFRP) Concrete for Marine Structures</i> Mr Dickson TSUI Senior Engineer, Civil Engineering Office, Civil Engineering and Development Department</p> |
| 16:25 | <p><i>Innovative Technologies for Modular Integrated Construction (MiC) Application in Public Housing</i> Ir Ben WAT Senior Structural Engineer, Housing Department</p> |
| 16:40 | <p><i>Experience Sharing on Concreting Practice for Critical Structures under Central Kowloon Route Project</i> Mr Samuel MOK Senior Engineer, Highways Department</p> |
| 16:55 | <p><i>Afternoon Panel Discussion</i></p> |
| 17:20 | <p><i>Closing Speech</i> Mr Kenneth MAK Co-Chairperson of Organising Committee of Hong Kong Concrete Institute</p> |
| 17:30 | <p><i>End of Conference</i></p> |

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: **16th December 2024**, Early bird: **29th November 2024**)

| | Enrolment Fee | Early Bird |
|--|---|------------|
| <input type="checkbox"/> Members of Co-organising and Supporting Organisations | HK\$750 | HK\$600 |
| <input type="checkbox"/> Non-Member | HK\$850 | HK\$700 |
| <input type="checkbox"/> ≥ 5 persons | \$600 per person for co-organising and supporting organisations; \$700 for non-member | |
| <input type="checkbox"/> Full-time student | HK\$250 | Nil |

- 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