

2nd Announcement

One-Day Technical Seminar

Designing for Impact Loads: Principals, Building Structures and Glass Walls

Organized by

The Hong Kong Institute of Steel Construction (www.hkisc.org.hk)

Supported by

*Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University
Structural Division, The Hong Kong Institution of Engineers*

Sponsored by

Nida Technology Co. Ltd., Science Park

Date:	9th January 2026, Friday
Time:	9:00 am – 5:00 pm
Venue:	Room Y304, The Hong Kong Polytechnic University, Hung Hom, Kowloon
CPD:	This seminar is recommended for 6 CPD hours
Certificate:	An attendance certificate will be issued upon request.

Scope and Objectives

This one-day seminar brings together experienced academic and industry professionals to address the critical challenge of designing buildings and glass curtain walls to resist impact loads. Participants will gain practical insights into the principles of collision and dynamic actions, codified methods for laminated glass design in Hong Kong façades, and modern strategies for ensuring the safety and resilience of structural and façade systems under both static and extreme loading. With contributions from experts who have shaped local Codes of Practice and led international research, the programme is designed to equip practicing engineers with the latest knowledge, real-world case studies, and practical solutions to enhance safety, efficiency, and sustainability in building projects.

About the speakers (names in alphabetical order)

Ir Professor SL Chan had been the Chair Professor in Computational Structural Engineering at the The Hong Kong Polytechnic University until 2022, then took the Directorship of Nida Technology Limited in Science Park in Hong Kong and joined The South China University of Technology in Guangzhou in 2024 as Professor to continue his research on structural safety, sustainability, economical design and decarbonization. He was chairman of structural division, structural discipline and fire division of HKIE and as the principal consultant in the draft committees for limit state codes of practice for structural use of steel and glass in Hong Kong.

Professor Nelson Lam is Head of *Structures & Buildings* at the University of Melbourne where he has spent the past 36 years engaging in research into earthquake engineering and impact engineering. A textbook titled: *Collision Actions on Structures* published in 2022 by CRC Press of Taylor & Francis was co-authored by him. Nelson is currently member of the structural college board of Engineers Australia and is Editor of the Australian Journal of Structural Engineering. His early career was with Scott Wilson International as a structural engineer in most of the 1980's.

Ir Professor SW Liu is the Assistant Professor at the Hong Kong Polytechnic University from 2022 till now and was an Associate Professor at Sun Yat-Sen University from 2018 till 2021. He specializes in steel structures, second-order direct analysis, high-rise buildings, and computational structural mechanics. His research aims to address the design challenges of modern building structures. His work contributes to the National Design Specifications, such as the American Steel Code ANSI/AISC 360-22.

Ir Dr. Dominic Yu is the Principal of Alpha Consulting Limited, providing consultancy services on glass and façade engineering. Before joining Alpha, Dr. Yu worked as Specialist Test Consultant and Approved Signatory of Research Engineering Development Façade Consultants Limited (RED) – Façade and Fire HOKLAS Testing Laboratory. He attained Ph.D. in Civil Engineering (Structures) from the Hong Kong Polytechnic University and M.Sc. in Fire Safety Engineering from the University of Central Lancashire. Dominic was appointed as the Technical Secretary for drafting the “Code of Practice for the Structural Use of Steel 2005” & 2011 versions and also compiled the Explanatory Materials of the Steel Code for the Buildings Department. He is the Professional Consultant for the Consultancy Study of “Code of Practice for Structural Use of Glass 2018” for the Buildings Department.

Programme - 9th January 2026, Friday

Time	Topics	Speakers
8:45 am	Registration	
9:00 am	Structural design under impact loads – Part 1	Prof. Nelson Lam
10:15 am	Tea Break	
10:45 am	Structural design under impact loads – Part 2	Prof. Nelson Lam
12:00 pm	Lunch	
2:00 pm	Codified design method for laminated glass in Hong Kong façades	Ir Dr. Dominic Yu
3:15 pm	Tea Break	
3:45 pm	Safety and Modern Structural Design of Glass in Façade under static and impact loading	Ir Prof. SW Liu & Ir Prof. SL Chan
5:00 pm	Q & A	

REGISTRATION FORM

(To be replied on or before 2nd January 2026)

Please follow the 2 steps registration procedure:

1. Email the completed registration form to Cat Lam (Email: cat.lam@nidacse.com & c.c. man@hkisc.org & samchan@hkisc.org) for preliminary registration.
2. Post the completed registration form together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited** to Cat Lam, at:
HKISC c/o Unit 209B, Photonics Centre, No. 2 Science Park East Avenue, Hong Kong Science Park, Shatin, NT., Hong Kong.

Registration fee can also be paid by ATM or bank-in to HKISC bank account at Hang Seng Bank. Our **Hang Seng Bank** account number is **222-049918-001** and account name is "Hong Kong Institute of Steel Construction Limited". Please email the ATM transfer advice or deposit slip to cat.lam@nidacse.com & c.c : man@hkisc.org & samchan@hkisc.org for record after transferred.

Seats are limited and will be provided on a first-come-first-served basis. Please send the completed registration form to **Ms. Cat Lam, Secretary of the Institute of Steel Construction** by **12:00 noon, 2nd January 2026**. For more technical information, please contact Miss Cat Lam at 3595 6150 or cat.lam@nidacse.com

A. Personal Details:

Title	Name in full (Block Letter)	Name of company	Tel.	E-mail address	Institution/ Membership No.
1.					
2.					
3.					
4.					
5.					
Postal Address (for official receipt):					

B. Registration Details:

Item	Registration Fee	Total no. of registration	Sub-total
1. Regular registration (Member*price)	HK\$ 900 each x	_____ person(s)	= HK\$ _____
2. Regular registration (Non-member*price)	HK\$ 1,000 each x	_____ person(s)	= HK\$ _____
3. Group registration (at least <u>5</u> people)	HK\$ 900 each x	_____ person(s)	= HK\$ _____
Total amount:			HK\$

Note: The registration fee includes e-copy of lecture notes, CPD certificate, *lunch and two tea breaks*

*Member refers to HKIE or HKISC member

I enclosed a crossed cheque (cheque no. _____) with the sum of HK\$ _____ for the registration fee of the captioned Seminar.

Signature: _____ Date: _____

CPD Certificates of Attendance Please tick the appropriate box to indicate your choice:

Yes, I/ we would like to have CPD certificate(s). Not requested for certificate(s).

The Hong Kong Institution of Steel Construction Limited HKISC is a non-profit making organization certified by qualified accountant yearly and it serves to disseminate latest technology in construction.