

WORKSHOP SERIES



The Engineering Approach to Asset Enhancement: Structural Optimisation and Zero Carbon Design

WORKSHOP OVERVIEW

The development of efficient structural design is essential to enhancing asset value, improving sustainability, and reducing costs. This session will give insights into how technology in structural engineering design can be used to enhance asset value and an overview of the following key aspects:

- * Utilising advanced computational design approach to improve design efficiency.
- * Conducting optioneering to identify the most sustainable and cost-effective solutions.
- * Optimising embodied carbon to reduce upfront carbon emissions.
- * Showcasing case studies of Zero Carbon Design.

LEARNING OUTCOME

1. **Gain** an appreciation of how efficient structural design contributes to the enhancement of asset value, sustainability and cost savings.
2. **Understand** the benefits of utilising advanced computational design approaches into structural engineering practices.
3. **Learn** what is embodied carbon and the strategic methods for reducing upfront embodied carbon associated with structural design.

EDUCATION PARTNER



Dr Chaoming Yu
Associate Director
Structural Engineering, Cundall

Chaoming is a Chartered Structural Engineer with 17 years of consultancy experience and four years of research and specialist consulting experience

EDUCATION PARTNER

Dr Chaoming Yu
Associate Director,
Structural Engineering
Cundall

DATE

29 February 2024,
Thursday

TIME

9:30am to 12:00pm

VENUE

REDAS Boardroom
190 Clemenceau Avenue,
#07-01, Singapore
Shopping Centre
Singapore 239924

FEES (inclusive of GST)

- * **\$200** (REDAS Member)
- * **\$250** (Non-REDAS Member)

REGISTRATION

Registration will be closed on [22 February 2024](#)

CPD ACCREDITATION

BOA-SIA: Pending
PEB: Pending

CONTACT

Please email enquiries to:

- Jojo Wong
jojo@redas.com
- Joyce Toh
joycetoh@redas.com

in structural engineering and structural fire engineering. She brings a wealth of global knowledge and expertise, with a wide range of project design and management experience in Singapore, Southeast Asia, Hong Kong, Mainland China, Macau, UK, and Middle East.

Her project experience also spans a variety of sectors including airport, cruise terminal, railway stations, mixed-use developments, sports, hotels, offices, retail, museums, residential, and many others.

Chaoming currently leads the structural engineering services team in Singapore, having previously worked as an engineering consultant in Hong Kong and the UK. She specialises in structural fire engineering and has published several papers and books about her research and project experience.

Real Estate Developers' Association of Singapore (REDAS)

190 Clemenceau Avenue, #07-01 Singapore Shopping Centre, Singapore 239924

Tel: 6336 6655 Email: redas_secretariat@redas.com URL : www.redas.com



REGISTRATION FORM
**The Engineering Approach to Asset Enhancement –
Structural Optimisation and Zero Carbon Design**
29 February 2024, Thursday; REDAS Boardroom; 9.30am –12.00pm

Participants will be entitled to CPD Accreditation. Kindly email Registration Form to redas_secretariat@redas.com. Your favourable response on or before 22 February 2024 would be much appreciated. For enquiries, please contact REDAS Secretariat Tel: 6336 6655. Thank you.

Membership	
<input type="checkbox"/> REDAS Member	<input type="checkbox"/> Non REDAS Member

Information	
Company Name :	
Billing Address :	
Contact Person :	Designation :
Contact No :	Email :

Participants' Details			
	(1)	(2)	(3)
Full Name			
Designation			
Email			
Contact No.			

** If you are registering for more participants, please email the names to redas_secretariat@redas.com

Registration Fees		
(Inclusive of 8% GST)	No. of Participants	Amount (S\$)
<input type="checkbox"/> REDAS Member @ S\$200.00		
<input type="checkbox"/> Non-REDAS Member @ S\$250.00		
Total =		S\$

CPD Accreditation BOA-SIA: Pending PEB: Pending	E -Invoice (for statutory boards/govt only) Sub-BU Code : _____ Department : _____ Attention to : _____
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Bank Transfer
Name of Bank: United Overseas Bank (UOB), 1 Coleman Street, #01-14 The Adelphi, Singapore 179803
Account Number: 501-301-727-2
Account Name: Real Estate Developers' Association of Singapore
Swift Code: UOVBSGSG || Bank Code: 7375 || Branch Code: 046
**Any bank charges incurred as a result of bank/telegraphic transfers will have to be borne by your company.*

Cheque
Please issue cheque to "REDAS" and mail the crossed cheque to 190 Clemenceau Avenue, #07-01, Singapore Shopping Centre, Singapore 239924.

PayNow
UEN Number: S59SS0018D || Name: Real Estate Developers' Association of Singapore

Please be advised that we do not accept cancellation after registration. However, participants may wish to register their replacements for the workshop. Kindly give the organizer at least one day's notice.