

Bridging the future – Pushing the boundaries of bridge design and operations

DATE. 3 October 2024 THU

TIME. 5:30-7:30pm

VENUE. Chiang Chen Studio Theatre, PolyU

A certificate of attendance will be provided following the lecture.
Eligibility for CPD credits will be subject to the respective organisations.
Light refreshments will be offered.

REGISTRATION.



TOPIC

Structural health monitoring technologies for long-span bridges – past, present, and future



Ir Prof Yong Xia

Professor, Department of Civil and Environmental Engineering and Director of the Joint Research Centre for Marine Infrastructure, Hong Kong Polytechnic University

Prof Yong Xia obtained his PhD degree from Nanyang Technological University, Singapore, in 2002. He then worked at the University of Tokyo as a JSPS Fellow and at the University of Western Australia as a Research Associate before joining The Hong Kong Polytechnic University in 2006. Prof Xia has conducted health monitoring of large-scale civil infrastructure for over 20 years. He has led and participated in the health monitoring of the Hong Kong-Zhuhai-Macao Bridge, Tsing Ma Bridge, Stonecutters Bridge, 600m tall Canton Tower, and the 632m tall Shanghai Tower.

TOPIC

The art of holistic bridge design



Ir Prof Naeem Hussain

Arup Fellow and Global Bridge Leader

Ir Prof Naeem Hussain has over 60 years of experience in bridge and structural engineering. He has worked on some of the world's most high profile bridges, like the Hong Kong-Zhuhai-Macao Bridge, Shenzhen Bay Bridge, Stonecutters Bridge, Oresund Link Denmark-Sweden, Brunei Temburong Bridge, Hulme Arch Bridge in Manchester and Queensferry Crossing in Scotland. He was inducted into the Scottish Engineering Hall of Fame in 2016, awarded the Royal Academy of Engineering Prince Philip Medal in 2012, the IStructE Gold Medal in 2022 and HKIE Gold Medal in 2024.

ENQUIRIES.

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SUPPORTING ORGANISATIONS.



The Institution of
StructuralEngineers