

ABOUT THE CONFERENCE

The IES/IStructE Joint Committee is organizing this Conference on Structural Marvels to celebrate the innovativeness and achievements of Structural Engineers. The conference will feature an impressive list of structural marvels in Singapore as well as other parts of the world that will undoubtedly interest structural engineers, contractors and architects. These structures have been the talking point not only in their country of origin but also throughout the world. The conference will provide an opportunity for the delegates to present as well as to learn the latest developments in modeling, analysis, design and construction of surface, underground and offshore structures. There will be ample opportunities during coffee breaks, lunches and a dinner banquet for delegates to discuss the engineering problems and innovative solutions directly with the principal engineers/designers of these structures.

For the 2-day conference, PEB has accredited 12 PDUs and CPD Accreditation (for SIA members) is 3 points.

LECTURES

In addition to the opening address by the IStructE President Norman Train, there will be a total of 12 invited lectures presented during the 1.5-day conference and a half-day site visit to view the man-made structural marvels in Singapore. The topics and speakers for the lectures are:

- **Gardens by the Bay** – Er. Mak Yew Cheong, *PM Link Pte Ltd, Singapore*
- **Marina Bay Sands** – Er. Wijaya Wong and V.C. Cheong, *Arup, Singapore*
- **The Sail @ Marina Bay** – Dr. Alfred Yee and Mr. Kang Jianhan, *Precast Design Consultants, Singapore*
- **Reflections on Keppel Bay** – Er. K.K. Lim and Er. H.S. Teh, *TY Lin, Singapore*
- **DNA Double Helix Footbridge** – Dr. See Lin Ming, *Arup, Singapore*
- **Underground Hydrocarbon Storage Cavern: First of its Kind in Southeast Asia** – Mr. Tan Wooi Leong, *Jurong Consultants Pte Ltd, Singapore*
- **Keppel Mega Semi-submersibles** – Mr. Aziz Merchant, *Keppel Offshore & Marine, Singapore*
- **The Pinnacle@Duxton: Tallest Public Housing Development in Singapore** – Er. Lau Joo Ming, *HDB, Singapore*
- **Introduction to the Design of Shanghai Tower** – Prof. Ding Jiemin, *Tongji University, China*
- **Shanghai's Himalayas Centre** – Mr. Wang Guo Jian, *Shanghai Xiandai Architectural Design (Group) Co. Ltd., China*
- **Sea Crossing Bridges: Incheon Bridge and Hong Kong-Zhuhai-Macau Bridge** – Mr. Naeem Hussain, *Arup, Hong Kong*
- **Design and Construction of Penang Second Crossing Bridge** – Mr. Afshin Forouzani, *RB International Sdn Bhd, Malaysia*



The Sail @ Marina Bay



Marina Bay Sands



Keppel Mega Semi Submersible



Reflections at Keppel Bay



The "DNA" Footbridge, Singapore



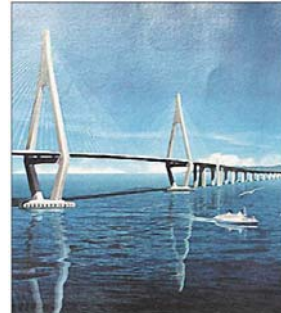
Gardens by the Bay



Jurong Rock Cavern



Shanghai Tower



Hong Kong-Zhuhai-Macao
Bridge



Pinnacle@Duxton



Shanghai's Himalayas Centre

WHO SHOULD ATTEND?

This conference is organized for practising engineers, contractors, researchers and other construction professionals who are involved in the analysis, design and construction of structures in their course of work. Participants are expected to be engineers, contractors, architects and professionals, who wish to upgrade their knowledge on the analysis, design and construction of structures. Students are particularly welcomed.

CONFERENCE ADVISORS

Mr. Norman Train, *President of IStructE 2010, London*
Mr. Martin Powell, *Chief Executive of IStructE, London*
Er. Lau Joo Ming, *President of the Professional Engineers Board, Singapore*
Er. Ho Siong Hin, *Deputy President of Institution of Engineers, Singapore*
Er. Ong See Ho, *Commissioner of Building Control, Building and Construction Authority, Singapore*

CONFERENCE ORGANISERS

Prof. Wang Chien Ming, *Chairman*
Dr. Ho Kwong Meng, *Vice-Chairman*
Er. A/Prof Lok Tat Seng, *Secretary*
Dr. Boh Jaw Woei, *Treasurer*
Er. Wijaya Wong, *Assistant Secretary*
Er. Ms Jeslin Quek, *Assistant Treasurer*
Er. Mak Yew Cheong
Er. Mah Guan Pang
Ms. Cong Zhengxia
Er. Jonathan Ang
Er. Seow Hong Chiow
Er. Ang Chee Keong
Er. Steve Yeung
Er. Leonard Heng
Er. Kang Jianhan

MARINA BAY SANDS - the conference venue

Marina Bay Sands[®], located in the heart of Singapore's city center is a 20-minute ride from Singapore Changi Airport and minutes from the island's most exciting cultural and leisure spots. Marina Bay Sands combines convention and exhibition facilities, a luxury hotel capped by the Sands SkyPark[®], 200 meters above ground, world-class gaming, state-of-the-art theaters, a museum and an unparalleled spread of shopping and dining outlets in one landmark structure.

The Sands Expo and Convention Center, which totals more than 120,000 square meters, features flexible convention and exhibition space capable of accommodating approximately 2,000 exhibition booths, 250 meeting rooms, over 45,000 delegates and a grand ballroom of more than 8,000 square meters.

The Marina Bay Sands hotel will be the largest in Singapore with approximately 2,500 rooms and suites each with panoramic views of the marina bay or the gardens which is full of the little touches that maximize your comfort and enhance your experience. For reservations, please call our room reservation main line at (65)-6688-8888 or email: room.reservations@marinabaysands.com

