

Safety Assessment of Cross-sea Bridges under Multi-source Factors Causing Disaster



Date : 15 August 2019
Time : 4:30-6:00pm
Venue : Room Z405, PolyU

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Abstract

In construction and operation of the cross-sea bridges, the bridge structure not only subjects to the disasters caused by typhoon, ship collision, waves and other environmental factors, but also faces to internal factors inducing disasters. Combining some cross-sea bridges in Zhejiang, this seminar will introduce several research results.

Speaker's Biography

JIAN GUO holds a Ph. D in Civil Engineering from Zhejiang University, China (2004). Prior to joining the Zhejiang University of Technology, he is in charge of research & development of key technologies as Deputy Director at the Crossing-sea Bridge Headquarters of Zhoushan, Zhejiang Province, China and as Vice Chief at the Administration of Major Bridge Construction of Zhoushan, Zhejiang, China. His research interests are Structural Analysis and Design Theory of Large Span Bridge, Structural Damage Identification and Health Monitoring, Disaster Prevention and Intelligent Transportation Infrastructure. He is the President of the sea-crossing transportation research board of Zhejiang and Chairman of section committee of large span bridge health monitoring & damage identification of WTC. He won National Excellent Science and Technology Researcher of China and Mao Yisheng Science and Technology Award - Bridge Youth Award.

JIAN GUO has undertaken over 30 research projects supporting from the National, Provincial, DOT's and major bridge project's funding. In past, he was in charge of key technology research as a Chief Engineer in construction of the Xihou Gate Bridge with main span of 1650m and the Jintang Bridge with length crossing sea of 18km. He has published more than 70 papers. The seminar will be conducted in Putonghua.

*****All Interested Are Welcome*****

**For further information, please contact Ms. Autumn Lin at
Tel. 3400 8535.**

**Certificates of attendance will be provided to participants if
they attend the whole lecture.**

