

The First Announcement

 **The Eighth Kwang-Hua Forum on
Innovations and Implementations in Earthquake Engineering Research**

December 14-16, 2018

Shanghai, China

(1st Draft, as of April 19, 2018)

Hosted by



State Key Laboratory of Disaster Reduction in Civil Engineering



International Joint Research Laboratory of Earthquake Engineering



Earthquake Resiliency Committee, Seismological Society of China



College of Civil Engineering, Tongji University

Sponsored by



State Key Laboratory of Disaster Reduction in Civil Engineering



International Joint Research Laboratory of Earthquake Engineering



Tongji University



Introduction

Since 2008, seven Kwang-Hua Forums have been successfully held at Tongji University. The objective of the forum is to provide an environment for experts around the world to present and exchange recent progress and implementation of earthquake engineering research. The forum also aims to promote international collaboration on how to achieve practical implementation of earthquake engineering research through planning, design, construction and maintenance.

The themes of the forums have been carefully selected to match the state of the art earthquake engineering research around the world. The first Kwang-Hua Forum was held in October 2008. The theme was focused on the 8-magnitude Wenchuan earthquake which hit South Western region of China in May 2008. Detailed earthquake effect and post-earthquake reconstruction were discussed in this forum. The second Kwang-Hua Forum was held in October 2009, where the theme was focused on Performance-based Design Theory and Code Development for Civil and Structural Engineering. In October 2010, the third Kwang-Hua Forum was held with the focus on Sustainable Civil Engineering. The fourth Kwang-Hua Forum was held in conjunction with the grand opening symposium of Tongji Multi-Functional Shaking Table Array in December 2011. The fifth, sixth and seventh Kwang-Hua Forums were held in December 2012, 2014 and 2016 with the focus on the Innovations and Implementations in Earthquake Engineering Research.

The theme of the seventh Kwang-Hua Forum was focused on the introduction of the International Joint Research Laboratory of Earthquake Engineering (ILEE). ILEE was formed on July 6th, 2015. ILEE has one of the largest and most complete earthquake engineering testing laboratories around the world. The goal of ILEE is to create international research collaboration on earthquake engineering. ILEE has already formed strong collaboration with world renowned earthquake engineering research centers.

The Eighth Kwang-Hua Forum is scheduled to be held on December 14-16, 2018. The theme of the eighth Kwang-Hua Forum will be continuously focused on the Innovations and Implementations in Earthquake Engineering Research.



Preliminary Program

	Morning	Afternoon	Evening
Dec. 13 TUR		Registration	Registration
Dec. 14 FRI	Invited Presentations	Parallel Sessions	Banquet
Dec. 15 SAT	Invited Presentations	Invited Presentations, Free Discussions and Lab Visit	Dinner
Dec. 16 SUN	Technical Visit ILEE BOD meeting		

Hotel

Kingswell Hotel-Tongji (同济君禧大酒店)
<http://www.kingswelltongji.com/home.html>
50 Zhangwu Road, Yangpu District, Shanghai (上海杨浦区彰武路 50 号)
Tel: +86-21-33626868

Scope

The topics of the eighth Kwang-Hua Forum shall include but are not limited to:

- Research and development of earthquake resilient structures
- Performance-based seismic design of structures/non-structural elements
- Earthquake ground motions and their effects to structures
- Earthquake damages and lessons learned from recent earthquakes
- Advanced structural experimental techniques
- Seismic protection of lifeline structures
- Earthquake related geotechnical engineering
- Seismic retrofitting of structures using advanced technologies
- Seismic design code developments and related issues
- Multi-hazard study of civil structures

Language and form

- English.
- PPT file for presentations will be collected at the registration.

Invited Guests

150~200 guests are planned to be invited including 50~80 from overseas and 100~120 from China.

Fees

- Complementary



Scientific Committee

Bursi, Oreste S. (Italy)	Buckle, Ian (USA)	Chang, Kuo-Chun (Chinese Taipei)
Chen, Houqun (China)	Chopra, Anil K. (USA)	Cui, Junzhi (China)
de la Llera, Juan Carlos (Chile)	Dorka, Uwe E. (Germany)	Elnashai, Amr S. (USA)
Elwood, Kenneth (New Zealand)	Fardis, Michael N. (Greece)	Fu, Gongkang (USA)
Gardoni, Paolo (USA)	Gu, Xianglin (China)	Kareem, Ahsan (USA)
Kasai, Kazuhiko (Japan)	Kubo, Tetsuo (Japan)	Lee, George C. (USA)
Leon, Roberto (USA)	Li, Jianzhong (China)	Mosalam, Khalid (USA)
Ou, Jinping (China)	Pavese, Alberto (Italy)	Reinhorn, Andrei M. (USA)
Sozen, Mete A. (USA)	Spencer, Billie F. (USA)	Stojadinovic, Bozidar (Switzerland)
Tsai, Chong-Shien (Chinese Taipei)	Ventura, Carlos (Canada)	Wada, Akira (Japan)
Whittaker, Andrew (USA)	Xiang, Haifan (China)	Xie, Lili (China)
Xu, Youlin (China)	Yang, Tony (China)	Yang, Yeong-Bin (Chinese Taipei)
Zhou, Ying (China)	Jiang, Huanjun (China)	To be updated

Organizing Committee

Lu, Xilin (Chair)

Li, Jianzhong (Co-Chair)	Tsai, Keh-Chyuan (Co-Chair)	Zhou, Ying (Co-Chair)	
Cao, Wenqing	Chen, Qingjun	Cheng, Chunlan	Fu, Shichun
He, Liusheng	Jia, Leying	Jiang, Jiafei	Li, Lingzhi
Li, Peizhen	Lu, Liang	Lu, Wensheng	Lu, Zheng
Peng, Tianbo	Shan, Jiazeng	Wang, Qun	Xu, Yan
Yang, Chengyu	Yang, Tony	Ye, Ting	Yu, Jiangtao
Zhang, Hongmei	Zhao, Bin	Zhao, Xin	Zhou, Zhiguang



Contact

All inquiries to the forum please contact:

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