

International Top-Level Forum on Engineering Science and Technology Development Strategy – Forum on High Performance Building Structure and Materials & Sustainability and Resilience of Civil Infrastructure, Chongqing, China

2018.10.19-21

The International Top-Level Forum on Engineering Science and Technology Development Strategy – High Performance Building Structures and Materials & Sustainability and Resilience of Civil Infrastructure was successfully held from 19th to 21st October 2018 in Chongqing, and the following CNERC representatives attended the Forum:

Prof. K. F. Chung	Director
Dr. T. M. Chan	Deputy Secretary General
Dr. Ke Ke	Research Fellow
Dr. Fang Hang	Research Fellow

The Forum was organized by the Chinese Academy of Engineering (CAE), Chongqing University (CQU) and Tsinghua University (THU). It was also supported by Division of Civil, Hydraulic and Architecture Engineering of CAE, School of Civil Engineering, CQU, and Research Centre for Structural Steel Engineering, CQU. The Forum was also sponsored by:

- National Natural Science Foundation of China,
- China Civil Engineering Society,
- Frontiers of Structural and Civil Engineering,
- Central Research Institute of Building and Construction Co., Ltd., MCC,
- Shanghai Construction Group Co., Ltd.,
- Industrial Construction Magazine Agency,
- China Construction Science & Technology Group Co., Ltd.,
- China Railway Eryuan Engineering Group Co., Ltd.,
- CCCC Highway Bridges National Engineering Research Centre,
- CMCU Engineering Co., Ltd.,
- Wuhan Municipal Construction Group Co., Ltd.,
- Shenzhen Municipal Design & Research Institute Co., Ltd.,
- T. Y. Lin International Engineering Consulting (China) Co., Ltd.,
- Tongji Architectural Design (Group) Co., Ltd., and
- CISDI Group Co., Ltd.

The Opening Ceremony of the Forum was officiated by Prof. Hua-wu He, Deputy President of the Chinese Academy of Engineering, and also by Prof. Zong-yi Zhang, President of Chongqing University. This was followed by a keynote presentation entitled “Some problems and countermeasures of long span bridges” made by Prof. Jian-guo Nie of Tsinghua University, and then a keynote presentation entitled “Computational design: a fusion of CFD, stochastics, machine learning and beyond” by Prof. Ahsan Kareem of University of Notre Dame, U.S.A. Moreover, Prof. Chung was invited to make a keynote presentation entitled “Effective use of high strength

S690 steel in construction” while Prof. Qing-rui Yue, President of the Chinese National Engineering Research Centre for Steel Construction in Beijing, was also invited to make a keynote presentation entitled “Engineering diagnosis, rehabilitation and innovation”.



A Welcoming Speech by Prof. Xu-hong Zhou during the Opening Ceremony of the Forum.



A total of 22 Academicians from China, Canada, Japan, Singapore, Switzerland and the United States together with more than 200 participants attended the Forum.



A keynote presentation by Prof. K. F. Chung.



A keynote presentation by Prof. Q. R. Yue.



Prof. K. F. Chung and Prof. Q. R. Yue.



Keynote presentations were also made by the following prominent professors and engineers:

- Prof. Charalampos Baniotopoulos, University of Birmingham, U.K.
- Prof. J.M. Ding, Tongji Architectural Design Institute, Shanghai, China
- Prof. Dennis Lam, Bradford University, U.K.
- Prof. G.Q. Li, Tongji University, Shanghai, China
- Prof. Victor Li, University of Michigan, U.S.A.
- Prof. Richard Liew, National University of Singapore
- Prof. Leroy Gardner, Imperial College London, U.K.
- Prof. J.G. Teng, The Hong Kong Polytechnic University, Hong Kong SAR
- Prof. Hao-wen Ye, China State Construction Engineering Corporation Ltd.



Prof. X. H. Zhou and Prof. K. F. Chung.



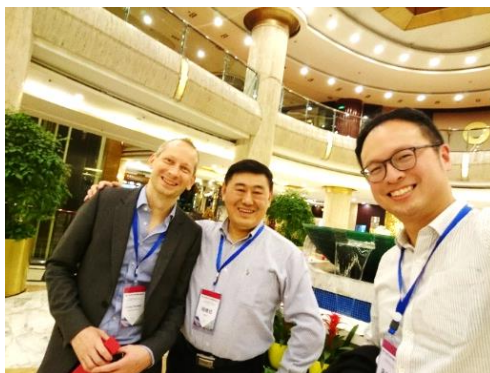
Prof. K. F. Chung, Prof. Q. S. Li and Dr. T. M. Chan.



Prof. J. Di, Prof. X. H. Zhou and Prof. K. F. Chung.



Prof. K.F. Chung, Prof. H. W. Ye and Prof. Q. S. Li.



Prof. Leroy Gardner, Prof. X. H. Zhou and Dr. T. M. Chan.



Group photo of the Forum delegates.