

Address: Hong Kong Polytechnic University, Phase 8, Hung Hom, Kowloon, Hong Kong.  
Telephone: (852) 3400 8441 Email: [cnerc.steel@polyu.edu.hk](mailto:cnerc.steel@polyu.edu.hk) Website: <https://www.polyu.edu.hk/cnerc-steel/>

## The 12<sup>th</sup> Pacific Structural Steel Conference

Tokyo, Japan

2019.11.09-11

From 9<sup>th</sup> to 11<sup>th</sup> November 2019, the 12<sup>th</sup> Pacific Structural Steel Conference (PSSC'2019) was successfully held in Tokyo Institute of Technology, Tokyo, Japan. The International Conference was organized by Japanese Society of Steel Construction, and Prof. Y. Fujino, a world renowned Professor and Engineer in Bridge Construction, is currently President of the Japanese Society of Steel Construction.

PSSC is a major initiative bringing together expertise in structural steel research, education and construction from all around the Pacific Rim and beyond to promote cooperation among the structural steel associations and communication on development in the field of steel structures in Pacific countries.

The Inaugural Conference of PSSC was organized by the New Zealand Heavy Engineering Research Association in 1986. Since then, PSSC has been scheduled to be held every three years by Asian-Pacific countries, and it has soon become a highly respected forum for technological discussions and interchange on steel construction among the booming Asian-Pacific economies.

Prof. K. F. Chung, Dr. T. M. Chan, Mr. M. Xiao and Ms. Y. B Guo attended the Conference to report latest research developments of CNERC.



Group photo of PSSC'2019 participants

Tokyo Institute of Technology, Tokyo, Japan  
9 November 2019



Prof. Y. Fujino  
President, Japanese Society of Steel Construction



Prof. I. Takewaki  
President, Architectural Institute of Japan



Prof. X. H. Zhou  
Honorary President, China Society of Steel Construction

Opening Ceremony, PSSC 2019

**Tokyo Institute of Technology, Tokyo, Japan  
9 November 2019**



Prof. J. F. Hajjar  
Northeastern University, U.S.A.



Prof. Y. J. Ge  
Tongji University, China



Prof. C. M. Uang  
University of California (San Diego), U.S.A.



Prof. M. Midorikawa  
National Research & Development Agency,  
Building Research Institute,  
Japan

Keynote lectures were delivered by distinguished senior researchers

CNERC delegates presented a total of three technical papers, and all of them received good peer recognition from participants.

- Experimental Investigation into Stub Column Behaviour of High Strength Steel Octagonal Hollow Sections  
*by Dr. T. M. Chan*
- Numerical Study into Residual Stresses and Axial Buckling of Q460 High Strength Steel Welded Box-sections  
*by Mr. M. Xiao*
- Hysteretic Behaviour of S355 and S690 Steels under Cyclic Tests with Constant and Varying Strain Amplitudes  
*by Ms. Y. B. Guo*



Dr. T. M. Chan



Ms. Y. B. Guo



Mr. M. Xiao

Presentations were delivered by CNERC delegates



Prof. Y. Fukumoto and Prof. K. F. Chung



Mr. M. Xiao, Prof. K. F. Chung, Prof. Y. Fujino and Ms. Y. B. Guo



Ms. Y. B. Guo, Prof. K. F. Chung, Prof. X. H. Zhou and Mr. M. Xiao



Prof. K. F. Chung and Prof. H.Y. Ban