



Professor Lin-Hai Han

From: Lin-Hai Han, Wei Li and Reidar Bjorhovde, "Developments and advanced applications of concrete-filled steel tubular (CFST) structures: Members", Journal of Constructional Steel Research, Vol. 100, pp 211-228, September 2014

See:

http://www.tsinghua.edu.cn/publish/ceen/3155/2011/20110402124907797965997/20110402124907797965997_ <u>html</u> <u>https://scholar.google.com/citations?user=4h-LHsYAAAAJ&hl=en</u> <u>https://www.researchgate.net/profile/Lin-Hai_Han</u> <u>http://construction-steel-structure.omicsgroup.com/ocm/2015/lin-hai-han-tsinghua-university-china</u>

Professor of Structural Engineering, Dept. of Civil Engineering Tsinghua University, Beijing, China

Biography:

Professor Lin-Hai Han is head of Department, Department of Civil Engineering, School of Civil Engineering, Tsinghua University, Beijing, China. He has published 4 books, more than 100 refereed journal papers (including 80 international journal papers), and 60 refereed international conference papers. He is one of the outstanding Young Researchers awarded by the National Natural Science Foundation of China. He is widely consulted by the industry and government authorities on a wide range of structural engineering projects. He has played an important role in drafting several designing codes on steel-concrete composite structures in China. His current research interests include steel-concrete composite and mixed structures under different loadings, such as static, dynamic and fire. Prof. Han holds roles on the Editorial Board for the Elsevier Journal of Constructional Steel Research, the Techno-Press Steel and Composite Structures, the Hong Kong Institute of Steel Construction (HKISC) International Journal of Advanced Steel Construction, the Multi-Science Publishing Journal of Structural Fire Engineering, and four national journals in civil engineering in China.

Research Interests:

Steel-concrete composite and mixed structures under different loadings, such as static, dynamic and fire

Selected Publications:

L. H. Han, S. Y. He, Y. P. Wang, and C. D. Liu, Int. J. Pressure Vessels & Piping 76, 539 (1999). (might not be the same Han)

Fei-Yu Liao Lin-Hai Han and Zhong Tao, "Behaviour of CFST stub columns with initial concrete imperfection: Analysis and calculations", Thin-Walled Structures, Vol. 70, pp 57-69, September 2013

You-Fu Yang, Chao Hou, Zhu Wen and Lin-Hai Han, "Experimental behaviour of square CFST under local bearing forces", Thin-Walled Structures, Vol. 74, pp 166-183, January 2014

Chao Hou, Lin-Hai Han and Xiao-Ling Zhao, "Concrete-filled circular steel tubes subjected to local bearing force: Finite element analysis", Thin-Walled Structures, Vol. 77, pp 109-119, April 2014

Lin-Hai Han, Wei Li and Reidar Bjorhovde, "Developments and advanced applications of concrete-filled steel tubular (CFST) structures: Members", Journal of Constructional Steel Research, Vol. 100, pp 211-228, September 2014

Chao Hou, Lin-Hai Han and Xiao-Ling Zhao, "Behaviour of circular concrete filled double skin tubes subjected to local bearing force", Thin-Walled Structures, Vol. 93, pp 36-53, August 2015

You-Fu Yang, Chao Hou, Chun-Yuan Meng and Lin-Hai Han, "Investigation on square concrete filled doubleskin steel tube (CFDST) subjected to local bearing force: Experiments", Thin-Walled Structures, Vol. 94, pp 394-409, September 2015

Rui Wang, Lin-Hai Han, Xiao-Ling Zhao and Kim J.R. Rasmussen, "Experimental behavior of concrete filled double steel tubular (CFDST) members under low velocity drop weight impact", Thin-Walled Structures, Vol. 97, pp 279-295, December 2015

Rui Wang, Lin-Hai Han, Xiao-Ling Zhao and Kim J.R. Rasmussen, "Analytical behavior of concrete filled double steel tubular (CFDST) members under lateral impact", Thin-Walled Structures, Vol. 101, pp 129-140, April 2016

Yong Ye, Lin-Hai Han, Therese Sheehan and Zi-Xiong Guo, "Concrete-filled bimetallic tubes under axial compression: Experimental investigation", Thin-Walled Structures, Vol. 108, pp 321-332, November 2016