

DESIGN OF TUBULAR STRUCTURES

By

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Abstract

Tubular structures are becoming more and more popular because of their structural efficiency and aesthetic merits. This seminar gives an overview of recent developments in the design of tubular structures.

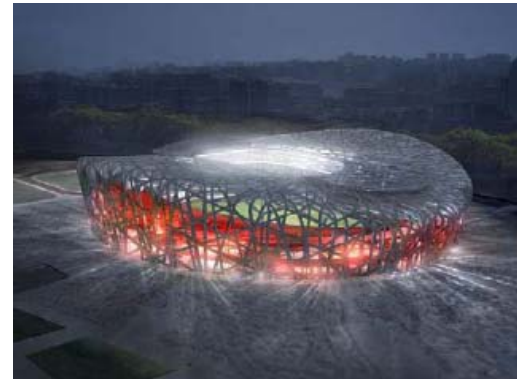
Specific topics include applications, design resources, static design of tubular members and joints, fatigue design of tubular joints. It also presents new developments such as SCC filled double skin tubes, thick-walled tubular structures and FRP strengthening.



Lully Bridge, Switzerland



Federation Square, Melbourne



Olympic Stadium "bird's nest", Beijing

Date : 13 October 2008 (Monday)

Time : 6:30p.m. to 7:30p.m. (Refreshments will be served at 6p.m.)

Venue : M1603, 16/F, Li Ka Shing Tower, The Hong Kong Polytechnic University

Speaker

Prof. Xiao-Ling Zhao received his PhD from The University of Sydney in 1993. He was appointed as Chair of Structural Engineering at Monash University in November 2001. His research interests are tubular structures, buckling, fatigue, fire and FRP strengthening. Prof. Zhao received the 1995 Engineering Excellence Award from the Institution of Engineers, Australia - Sydney Division. He was awarded the Alexander von Humboldt Fellowship in Germany in 1997, the JSPS (Japan Society for the Promotion of Science) Invitation Fellowship in 2002 and the Chang Jiang Professorship, Ministry of Education, P.R. China in 2007. Prof. Zhao chairs the IIW (International Institute of Welding) sub-commission XV-E on Tubular Structures and the IIFC (International Institute of FRP for Construction) working group on FRP Strengthened Metallic Structures. Prof. Zhao is a member of the Editorial Board for three international journals. He is a Fellow of Institution of Engineers, Australia. Prof. Zhao is the Head of Department of Civil Engineering at Monash University, Australia.