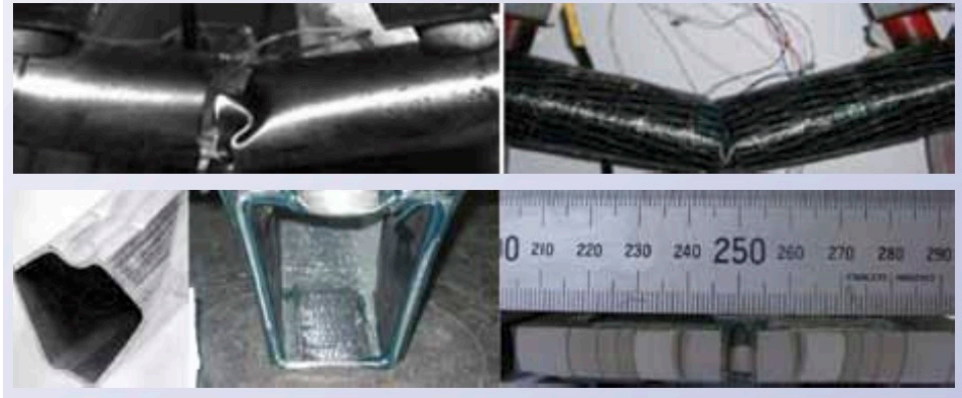




**Professor Xiao-Ling Zhao**



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### **Biography:**

Born in a small town in Sichuan province China, Xiao-Ling Zhao went to study at Shanghai Jiao Tong University when he was just 16 years of age. Graduating in 1984, with a Bachelor of Mechanical Engineering, he went on to study for his Masters degree in the same field. He graduated in 1987 and came to Australia in 1988 to study at the University of Sydney, this time in the field of Civil Engineering. Zhao received his PhD in Civil Engineering in 1993. He became a post-doctorate ARC Research Associate from 1993-94 at the University of Sydney. In December 1994, after receiving a number of different offers, including a continuing lecturer position within Australia and the USA, Zhao accepted a fixed-term Assistant Lecturer position in the Department of Civil Engineering at Monash University. Looking back, Zhao believes he made the right choice accepting the position at Monash. 'My first international conference was at Monash', he recalls, 'so the link starts there.' Zhao was attracted to Monash University because of the excellent laboratory facilities and the presence of Professors Noel Murray and Paul Grundy. In 2001 he was appointed Chair of Structural Engineering. He received EMBA from AGSM – a joint venture between the University of Sydney and the University of NSW in 2007. Zhao has received several prestigious fellowships, such as von Humboldt Fellowship of Germany, JSPS (Japan Society for Promotion of Science) Invitation Fellowship of Japan and Chang Jiang Professorship of China.

### **Selected Publications:**

#### **BOOKS:**

1. Zhao, X.L.(2013), FRP Strengthened Metallic Structures, Taylor & Francis, UK

2. Zhao, X.L., Han, L.H. and Lu, H. (2010), Concrete Filled Tubular Members and Connections, Taylor & Francis, UK
3. Wardenier, J., Packer, J.A. and Zhao, X.L. and van der Vegte, G.J. (2010), Hollow Sections in Structural Applications, Bouwen met Staal, The Netherlands
4. Wardenier, J. Kurobane, Y., Packer, J.A., van der Vegte, G.J. and Zhao, X.L. (2009), Design guide for circular hollow section (CHS) joints under predominantly static loading, CIDECT Design Guide No. 1, 2nd Edition, CIDECT, Geneva, Switzerland
5. Packer, J.A., Wardenier, J., Zhao, X.L., van der Vegte, G.J. and Kurobane, Y. (2009), Design guide for rectangular hollow section (RHS) joints under predominantly static loading, CIDECT Design Guide No. 3, 2nd Edition, CIDECT, Geneva, Switzerland
6. Zhao, X.L, Wilkinson, T. and Hancock, G.J. (2005), Cold-Formed Tubular Members and Connections, Elsevier Science Pty Ltd, Oxford, UK, available in English and Chinese.
7. Zhao, X.L., Herion, S., Packer, J.A., Puthli, R.S., Sedlacek, G., Weynand, K., Wardenier, J., Wingerde, A. van and Yeomans, N. (2001), Design Guide for Circular and Rectangular Hollow Section Joints under Fatigue Loading, Verlag TUV Rheinland GmbH, Cologne, Germany, available in English, French, German and Spanish.
8. Zhao, X. L. and Packer, J.A. (2000), IIW Recommended Fatigue Design Procedure for Welded Hollow Section Joints, Woodhead Publishing, Cambridge, UK

**Special Issues of International Journals:**

1. Zhao, X.L., Al-Mahaidi, R., Bai, Y. and Smith, S.T. (2014), Advances in Structural Engineering An International Journal, Vol.17, Number 12, Multi-Science Publishing Company
2. Zhao, X.L. (2012), International Journal of Structural Stability and Dynamics, Vol.12, Number 1, World Scientific Publishing Company
3. Zhao, X.L.(2009), Thin-Walled Structures, Vol.47, Number 10, Elsevier Science Ltd
4. Zhao, X.L. and Grzebieta, R.H. (2002), Thin-Walled Structures, Vol.40, Number 2, Elsevier Science Ltd
5. Zhao, X.L. and Grzebieta, R.H. (2002), International Journal of Mechanical Sciences, Vol.44, Number 6, Elsevier Science Ltd
6. Zhao, X.L. and Grzebieta, R.H. (2002), International Journal of Impact Engineering, Vol.27, Number 9, Elsevier Science Ltd

**Selected Journal Papers:**

9. Hou, C., Han, L.H. and Zhao, X.L. Behaviour of Circular Concrete Filled Double Skin Tubes Subjected to Local Bearing, Force, Thin-Walled Structures, 93(2015), 36-53.
13. Zhang, F.R., Wu, C.Q., Zhao, X.L., Li, Z.X., Heidarpour, A. and Wang, H.W. Numerical modeling of concrete-filled double skin steel tubular/square columns under blast loading, Journal of Performance of Constructed Facilities, ASCE, 10.1061/(ASCE)CF.1943-5509.0000749 , B4015002.
14. Nassirnia, M., Heidarpour, A., Zhao, X.L and Minkinen, J. (2015), Innovative Hollow Corrugated Columns: A Fundamental Study, Engineering Structures, 94(2015), 43-53.
15. Shi, X.S., Wang, Q.Y., Zhao, X.L. and Collins, F.G. (2015), Structural behaviour of geopolymeric recycled concrete filled steel tubular columns under axial loading, Construction and Building Materials, 81(2015), 187-197
16. Song, Q.Y., Heidarpour, A., Zhao, X.L. and Han, L.H. (2015), Performance of double-angle bolted steel I-beam to hollow square column connections under static and cyclic loading, International Journal of Structural Stability and Dynamics, 16, Paper 1450098, DOI: 10.1142/S0219455414500989.
17. Wu, C., Bai, Y. and Zhao, X.L. (2015), Improved bearing capacities of pultruded glass fibre reinforced polymer square hollow sections strengthened by thin-walled steel or CFRP, Thin-Walled Structures, 89, 67-75.

21. Javidan, F., Heidarpour, A., Zhao, X.L. and Minkkinen, J. (2015), Performance of innovative fabricated long hollow columns under axial compression, *Journal of Constructional Steel Research*, 106, 99-109.
93. Haedir J. and Zhao, X.L. (2012), Design of CFRP-strengthened steel CHS tubular beams, *Journal of Constructional Steel Research*, 72(5), 203-218.
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138. M.R. Bambach, Elchlakani, M. and Zhao, X.L. (2009), Composite steelCFRP SHS tubes under axial impact, *Composite Structures*, 87(3), 282-292
150. X.L. Zhao and R. Al-Mahaidi (2009), Web Buckling of LightSteel Beams Strengthened with CFRP subjected to End Bearing Forces, *Thin-Walled Structures*, 47(10), 1029-1036
152. Zhao, X.L. and Packer, J.A. (2009), Tests and design of concrete-filled elliptical hollow section stub columns, *Thin-Walled Structures*, 47(6-7), pp. 617-628
162. Zhao, X.L. and Zhang, L. (2007), State of the Art Review on FRP Strengthened Steel Structures, *Engineering Structures*, 29(8), 1808-1823
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210. Elchalakani, M., Grzebieta, R.H. and Zhao, X.L. (2002), Plastic Collapse Analysis of Slender Circular Tubes subjected to Large Deformation Pure Bending, *Advances in Structural Engineering An International Journal*, 5(4), 241-257
216. Zhao, X.L. (2000): Section Capacity of Very High Strength (VHS) Circular Tubes under Compression, *Thin-Walled Structures*, 37 (3), 223-240
219. Zhao, X.L. (1999): Partially Stiffened RHS Sections under Transverse Bearing Force, *Thin-Walled Structures*, 35, 193-204
222. Zhao, X.L. and Hancock, G.J. (1998): Recent Research on Cold-Formed Tubular Structures, *Journal of Constructional Steel Research*, Vol.46, Nos. 1-3, paper 229, CD-Rom
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