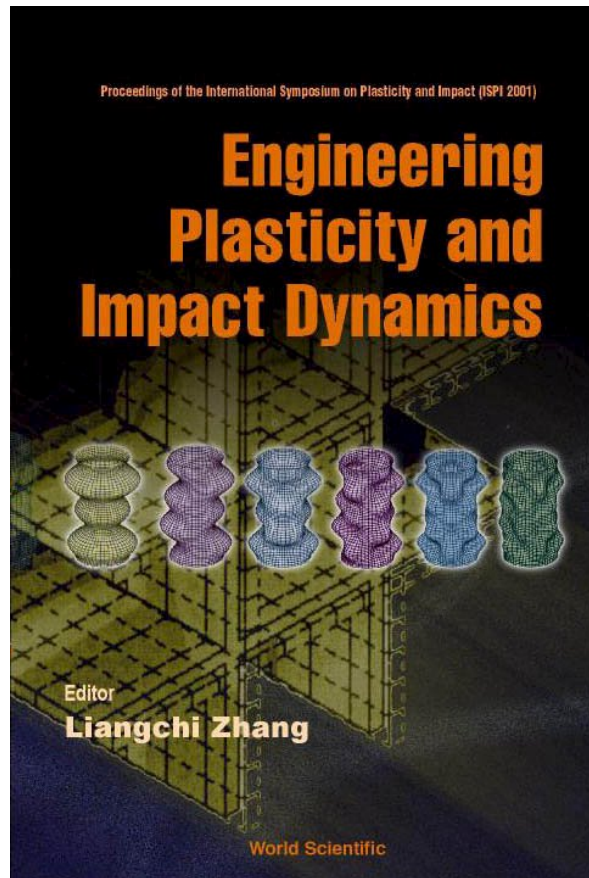




**Professor Liangchi Zhang**



See:  
<http://nt-542.aeromech.usyd.edu.au/index.html>  
[https://en.wikipedia.org/wiki/Liangchi\\_Zhang](https://en.wikipedia.org/wiki/Liangchi_Zhang)  
<https://research.unsw.edu.au/people/scientia-professor-liangchi-zhang>  
<https://www.engineering.unsw.edu.au/mechanical-engineering/staff/scientia-professor-liangchi-zhang>  
<https://www.engineering.unsw.edu.au/mechanical-engineering/research/academic-profiles/academic-profile-scientia-professor-liangchi-zhang-ftse>  
[https://www.researchgate.net/profile/L\\_Zhang19](https://www.researchgate.net/profile/L_Zhang19)  
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**Education:**

B.Sc. (1982) and M.E.(Research) (1985), Zhejiang University, China  
Ph.D. (1988), Peking University, China

Post-Doctoral Research Assistant (1989-1991), University of Cambridge, UK  
Research Fellow (1991-1992), Mechanical Engineering Laboratory, MITI, Japan

**Research Areas:**

Characterization of Advanced Materials

Solid Mechanics and Computational Mechanics

Nanotechnology: Nano-Mechanics, Nano-Materials, Nano-tribology and Nano/micro-fabrication

Tribology

Multi-Scale Precision Manufacturing

The research results in these areas are reflected by my publications including 4 patents, 4 books, 7 edited books, 8 chapters-in-books, about 200 refereed journal papers, 100 refereed conference proceedings papers, 30 technical reports for industry, and many keynote/plenary lectures in international conferences.

**Selected Publications:**

**Books:**

T Yu and L Zhang, Plastic Bending: Theory and Applications, World Scientific (1996) pp.xvi + 554.

L Zhang, Solid Mechanics for Engineers, Palgrave (formerly Macmillan Press) (2001) pp.xvi + 333.

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