

Prof. Tianjian (TJ) Lu is Professor and Vice President at Xi'an Jiaotong University, Xi'an, China. He received BS and MS in Engineering Mechanics from Xi'an Jiaotong University, and PhD in Engineering Sciences from Harvard University. Before taking up his current post, he was Professor of Materials Engineering at Cambridge University Engineering Department (CUED), Visiting Professor at Princeton University and University of California at Santa Barbara, and Visiting Scientist at Max-Planck Institute at Stuttgart.

Prof. Lu serves as the Editor or member of the Editorial Board for more than 10 professional journals, has published more than 300 peer-reviewed papers/monographs, and is the recipient of more than 20 patents. He is the recipient of several prestigious international and national awards, such as the China Young Scientist Award (2006) and the Best Paper Award, 8th UK National Heat Transfer Conference (2003). At present he serves as the Chief Scientist of the National Basic Research Program (973 Program), Ministry of Science and Technology of China. He is the Vice President of the Chinese Society of Theoretical and Applied Mechanics.

Prof. Lu's main research interests include:

- Thermal, mechanical and acoustic properties of cellular materials
- Bio-heat transfer, biomechanics and bioengineering
- Optimal design and selection method for small structures, multi-functional and smart materials/structures
- Micromechanics and nanomechanics of multi-phase heterogeneous materials

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