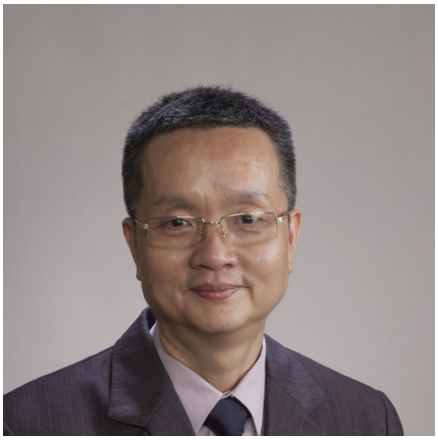

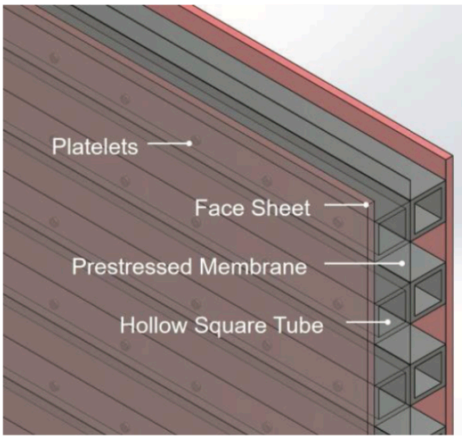

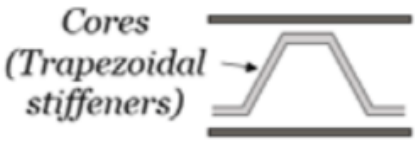

Professor Heow Pueh Lee

The middle image above is from: Linus Yinn Leng Ang, Yong Khiang Koh and Heow Pueh Lee, "Sound transmission loss of a large-scale meta-panel with membrane and platelet attachments", Inter.noise, Hong Kong, 27-30 August, 2017
The right-most image above is from: Hao Sen Yang, Heow Pueh Lee and Hui Zheng, "A spectral element analysis of sound transmission through metallic sandwich plates with adhesively-bonded corrugated cores" Conference paper, August 2016

See:
https://scholar.google.com/citations?user=VQzRNv4AAAAJ&hl=en
https://www.researchgate.net/profile/Hp_Lee
https://www.eng.nus.edu.sg/me/staff/lee-heow-pueh/

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Biography:

Heow Pueh LEE is currently the Deputy Head (Research) for the Department of Mechanical Engineering, National University of Singapore. He graduated with first class honours from Cambridge University. He did his full time National Service at the Traffic Police Department and was awarded the Commissioner of Police High Commendation for his contribution. He obtained his PhD in Mechanical Engineering from Stanford University. He was seconded to the Institute of High Performance Computing (IHPC) under the Agency for Science, Technology and Research (A*STAR) in 2002, initially as the Deputy Director for Research and subsequently assumed the role of Deputy Executive Director for research since 2003 till the end of his full-time secondment in 2007. His early works focused on the mechanics of robotic manipulators, mechanism designs, as well as the vibration of structural elements and the mechanics of ultrasonic motors. Notable contributions include the application of "Structural Intensity" for the vibration study to various aspects of engineering disciplines from fracture mechanics to biomechanics. His more recent works focus on acoustics and vibration, mechanics in medicine, mechanics of biofouling and acoustics. He has more than 300 publications in peer review journals. He has several ongoing projects related to noise and vibration in particular the mitigation of traffic and construction noise.

Education:

BA (1982), MA (1986) University of Cambridge
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Selected Publications:

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