

**Statement of Vision for ASCE Engineering Mechanics Institute (EMI)
Professor C.W. Lim JN Reddy Medal (2020), European Academy of Sciences and Arts
(2025)**

FASCE, F.EMI, FASME, FHKIE, RPE

I wish to write this statement to express my vision on the governance and development of ASCE EMI, as well as my strong interest and commitment towards the professional organization. I have over 25 years of involvement with both ASCE and EMI. I have strong confidence that I will contribute significantly and positively to the communities of ASCE in general and EMI in particular.



EMI within ASCE started in 2007. Although it has been well-established with a matured organizational structure and well-specified strategies, there are always rooms for improvement. My primary vision is for ASCE EMI to be a world-renowned professional organization for pioneering scientific research and innovation, and quality teaching and learning for nurturing future scientists and engineers in all disciplines of engineering mechanics for the betterment of the society. If elected, I will contribute to the inspiration and to nurture the next generation of creative and innovative specialists in multiple disciplines of engineering mechanics, who are willing and capable of using their knowledge to serve the community. Through the organization, I will work with the board to pioneer cutting-edge research in engineering mechanics and translate knowledge into innovations that benefit the global society. To this end, my involvement in the EMI Board of Governors will be a new blood that will add strength to the current management team under the leadership of the President.

A Brief Bio-sketch of Professor C.W. Lim

Professor Lim currently holds Changjiang Chair Professorship at Zhejiang University. He received a BEng from University of Technology of Malaysia, MEng and PhD from National University of Singapore and Nanyang Technological University, respectively. He was a post-doctoral at University of Queensland and University of Hong Kong, a professor at City University of Hong Kong (2000-2025), and a visiting professor at University of Western Sydney, University of Johannesburg, and University of Canterbury.

Professor Lim receives global recognition for original research in applied and computational mechanics. He was recently elected to European Academy of Sciences and Arts (2025), awarded the J.N. Reddy Medal 2020, published over 440 articles, H-index 73, and over 20,500 citations. He has co-authored one very well-selling title in Engineering Mechanics titled “*Symplectic Elasticity*”. As the first and corresponding author, he established one ground-breaking theory and the paper in *JMPS* has accumulated over 1,800 citations since first published in 2015. It is the most cited paper since 2004 in *JMPS*. His other work was granted the *IJSS* 2004-2008 most cited article award. He also published a research paper in *Nature Communications*. He was awarded Top Referees in 2009, *Proc. A, The Royal Society*.

Professor Lim was elected by secret votes to deliver a Plenary Lecture at WCCM (2022), the largest biennial meet for computational scientists. He holds the Chair of Selection Committee (2017-present) for J.S.Rao Medal in Vibration Engineering, GC member of IACM and APACM since 2019, Selection Committee Member of APACM awards, Vice Chair (2018-2020) and Chair (2020-2022) for ASCE/EMI Stability Committee, Vice Chair (2021-2023) and Chair (2023-2025) for ASME HK Section, and Technical Committee Member for IFToMM since 2011. He serves on over 20 journal editorial boards, notably *JoMMS* (Editor Board), *JVET* (Managing Editor), *AMM* (International Subject Editor), *JSV* (Subject Editor), *RSOS* (Engineering Subject Editor), etc.