

Dr Tong is a preeminent developer of computational solid mechanics. He uses more and more general variational principles that admit less and less restrictive hypotheses.

He received his BS degree from Taiwan University, and his MS and PhD from the California Institute of Technology. He was Research Fellow at Caltech, Assistant and Associate Professor of Aeronautics and Astronautics at MIT, Chief of Structures and Dynamics Division of US Department of Transportation, Transportation Systems Center.

He is Professor of Mechanical Engineering and Founding Head of the Department at the Hong Kong University of Science and Technology. Author of over 100 papers and a book on *Finite Element Method*, Dr Tong is regional editor of *Int J of Fracture*, and *Int J Comp Mech*, and President of Far East Oceanic Fracture Soc, HK Soc Theoretical and Applied Mechanics, and HK Sec ASME.

Dr Tong received the *von Karman Award* for his outstanding contribution to structural materials, *Engineer of the Year Award*, and *Award for Meritorious Achievement* from the US Department of Transportation.