

KON-WELL WANG

Biographical Sketch

Dr. Kon-Well Wang is the Stephen P. Timoshenko Professor of Mechanical Engineering (ME) at the University of Michigan (U-M) in Ann Arbor, MI, U.S.A. He received his Ph.D. degree from the University of California at Berkeley in 1985, worked at the General Motors Research Labs as a Senior Research Engineer, and started his academic career as a faculty at the Pennsylvania State University in 1988. During his Penn State years, Professor Wang has served as the William E. Diefenderfer Chaired Professor in Mechanical Engineering, Director of the Structural Dynamics and Controls Lab, Associate Director of the Vertical Lift Research Center of Excellence, and Group Leader for the Center for Acoustics and Vibration. Dr. Wang joined the U-M ME in 2008 and has been the Stephen P. Timoshenko Professor since then. He served as the Department Chair of Mechanical Engineering at U-M from 2008 to 2018, and assumed the title of the Tim Manganello/BorgWarner Department Chair from 2013 to 2018.

Professor Wang's main technical interests are in structural dynamics, vibration, & controls, including metastable & multi-stable metastructures, origami mechanics & dynamics, adaptive structural & materials systems, with applications in shape, vibration & wave control, vibration energy harvesting, structural health monitoring, and vehicle & robotics system dynamics & controls. He has received various recognitions for his accomplishments, such as the Pi Tau Sigma-ASME Charles Russ Richards Memorial Award, the ASME J.P. Den Hartog Award, the SPIE Smart Structures and Materials Lifetime Achievement Award, the ASME Adaptive Structures and Materials Systems Prize, the ASME N.O. Myklestad Award, the ASME Rudolf Kalman Award, the ASME Adaptive Structures and Material Systems Best Paper Awards, the NASA Tech Brief Award, and the SAE Ralph Teetor Award. His major leadership activities in the professional community include being Chair of the ASME Technical Committee on Vibration and Sound, Chair of the ASME Mechanical Engineering Department Heads Executive Committee, member of the ASME Design Engineering Division Executive Committee, General Chair of the SPIE Damping and Isolation Conference and of the ARO Workshop on Smart Structures, Chief Editor for the ASME *Journal of Vibration & Acoustics*, Associate Editor of *Journal of Intelligent Material Systems & Structures* and Editorial Advisory Board Member for the *Journal of Sound and Vibration*. Dr. Wang is a Fellow of the ASME, AAAS, and IOP.