Pete Avitabile - BS, MS and Doctorate in Mechanical Engineering from Manhattan College, University of Rhode Island, University of Massachusetts, respectively. Manager, Modal Analysis and Controls Laboratory at the University of Massachusetts Lowell supporting testing/research contracts and Associate Professor in Mechanical Engineering. Founder and President of Dynamic Decisions, a consulting company specializing in structural dynamic applications as well as technical training and technology transfer. Over 25 years experience in design, analysis, finite element modeling and experimental modal testing. Main area of research is structural dynamics specializing in the areas of modeling, testing and correlation of analytical and experimental models. Research, testing and consulting performed for automotive, aerospace, defense and computer/consumer related. Written over 50 technical papers and given numerous seminars in the areas of experimental modal analysis, structural dynamics, vibration fixture design, and modeling and correlation. Developed the multimedia format Modal Handbook on CD (a computer based training/reference guide which addresses the practical aspects of experimental modal testing).

Contact Information:

Pete Avitabile
Modal Analysis and Controls Laboratory
University of Massachusetts Lowell
1 University Avenue
Lowell, Massachusetts 01854
Phone: 978-934-3176
peter_avitabile@uml.edu
http://www.eng.uml.edu/Macl/macl-pa/pete1.html