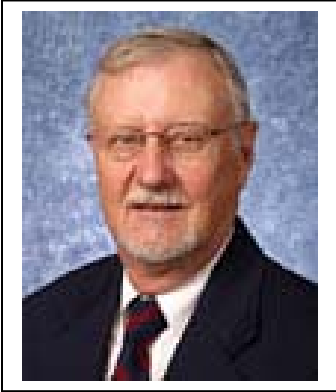


Applied Mechanics Division Award



Professor Lewis Wheeler

*Department of Mechanical
Engineering
University of Houston*

Professor Lewis T. Wheeler received his BS (1963) and MS (1964) in Mechanical Engineering from the University of Houston and his PhD (1969) from the California Institute of Technology in Applied Mechanics. He returned to Houston in 1968 to join the Mechanical Engineering faculty of the University of Houston, where he continues to serve. Professor Wheeler's research work began with mathematical considerations in elastodynamics, and has been focused through his career on the mathematical theory of elasticity as well as finite elastic deformation in solids. Throughout his research career, he has been strongly curiosity driven and has maintained a strong element of scholarship. He has made contributions to classical elastodynamics, bifurcation of finitely deforming elastic membranes, shape optimization for minimizing stress concentration and to extreme elastic properties of anisotropic solids.

Professor Wheeler has been involved with the Applied Mechanics Division of the ASME for nearly four decades. In the early days, his involvement was primarily through the Technical Committee on Elasticity, where he served both as a member and as Chairman. From 1984 to 1991, he served as an Associate Editor of the Journal of Applied Mechanics. In 1993 he became the Technical Editor, a position he held for two consecutive five year terms - (1993 - 2003).

Professor Wheeler is a Life Fellow of the ASME. He served on the Board of Directors of the American Academy of Mechanics (1986-91) and as its President (2003-04) and on the Board of Directors of the Society for Engineering Science (1995-97). He is a member of the Society for Natural Philosophy, having served as its Treasurer from 1982-84. He is the founding Editor-in-Chief of the journal: Mathematics and Mechanics of Solids (1996 - present).

The Applied Mechanics Award is given to an outstanding individual for significant contributions in the practice of engineering mechanics; contributions may result from innovation, research, design, leadership or education.