

## **Biographical Sketch**

**LESZEK F. DEMKOWICZ** is Assistant Director of the Institute for Computational Engineering and Sciences (ICES) and holder of W. A. ``Tex" Moncrief, Jr. Chair in Computational Engineering and Sciences II at ICES. He is a Professor in the Dept. of Aerospace Engineering and Engineering Mechanics and in the Dept. of Mathematics, at the University of Texas at Austin. He has a M.S. in mathematics from Jagiellonian University, and M.S., Ph.D. and Sc.D. degrees in mechanics from Cracow University of Technology (CUT), Poland. Prior to joining the University of Texas faculty, he held various positions at CUT. He helped to establish Polish Association for Computational Mechanics (PACM) and served as its first president.

Dr. Demkowicz authored a monograph on adaptive methods (in Polish, 1986), co-authored with J.T. Oden a textbook on Functional Analysis (CRS Press, 1996, second edition - 2010) and a two volume monograph on ``Computing with hp-Adaptive Finite Elements" (Chapman & Hall/CRC, 2006,2007)

Dr. Demkowicz has also authored and co-authored over 150 journal articles, conference proceedings, book chapters and technical reports in the general area of computational mathematics and mechanics.

His work and scientific interests span across numerical analysis, adaptive finite element methods, wave propagation problems, including acoustics, elastodynamics and electromagnetics, and CFD. For his research on higher order methods, he has been awarded Zienkiewicz Medal by PACM, Computational Science Award by USACM and ICES Distinguished Research Award.

He serves currently as a Treasurer/Secretary of US Association for Computational Mechanics and Editor-in-Chief of Computers and Mathematics with Applications.