

Biographical Sketch

Ted Belytschko's main interests are in the development of computational methods for engineering problems. Recently, he has worked on meshfree methods, techniques for representing arbitrary discontinuities in finite elements and multiscale coupling methods spanning quantum to continuum methods. He is co-author of the book *Nonlinear Finite Elements for Continua and Structures* with W.K.Liu and B. Moran and an Editor-in-Chief of the *International Journal for Numerical Methods in Engineering*. He has received the Timoshenko Medal from the American Society of Mechanical Engineers, the Gauss-Newton Medal from the International Association for Computational Mechanics, the von Neumann Medal of the US Association for Computational Mechanics, the von Karman medal of the American Society of Civil Engineers, and several other medals and awards. He has received Honorary Doctorates from the University of Liege, University of Lyons and the Ecole Centrale-Paris. He is a member of the U.S. National Academy of Engineering (elected in 1992) and the American Academy of Arts and Sciences (elected in 2002).