



**BIOGRAPHY:** D.A. Garzón-Alvarado is a Professor of Mechanical Engineering in the Department of Mechanical and Mechatronics Engineering, National University of Colombia, Colombia since 2007. He graduated with a degree of Mechanical Engineering from the National University of Colombia (UNAL) in 1998. He obtained his Ph.D. in Computational Mechanics from the University of Zaragoza in 2007. From 2000 to 2006 he was an Assistant Professor at UNAL. In 2007, he was promoted to Professor at the UNAL, teaching in the Department of Mechanical Engineering, where he is Head Professor of the Mathematical Modeling and Numerical Methods Research Group GNUM. His present research is in computational biomechanics, computational biological systems, mechanobiology, and numerical methods.