

material and structures, (iii) impact of blast dynamics, micro-crack initiation and growth under thermal and mechanical loadings and (iv) infrastructure composites under harsh environments. Dr. Hui has co-authored approximately 300 technical publications. One of his outstanding contributions in research lies in the modeling of penetration of composite materials using the energy partition model and the validation of universal scaling laws, resulting in cost savings and durability of structures. He has made significant contributions on postbuckling behavior of imperfect thin walled structures.

Dr. Hui was the recipient of research grants from NASA, ARO, ONR, AFOSR, NSF, LEQSF, US Army CRREL, GCRMTC, NOAA, Wright Patterson AFB, Universal Energy, Avondale Shipbuilding Inc., Northrup Grumman Ship Systems, among others. In recent years, Dr. Hui presented numerous keynote lectures: NATO conference Kiev (Ukraine) 1997, NATO conference Troia (Portugal) 1998, ICCE Orlando 1999, IMEKO Vienna 2000, 32nd National Conference of the Italian Association for Stress Analysis, and lectureships at Carlos III University, Madrid 1998, 2002, University of Paris 1998, 1999, Technical University of Vienna 2000, University of Liberec, Czech Republic in 2000, University of Sussex in 2001, Univ of Loughborough, UK 2001, Politechnical University of Torino in 2002, University of Salerno, Italy 2002, University of La Coruna, Spain, 2003, University of Galati of Romaina in 2004, University of Zilina in Slovakia, 2005, Brno Technical University in Czech Republic in 2005, Vietnamese Academy of Science, Hanoi 2006 and Saigon Technical University, 2006. He is successful in promoting federally funded multi-universities partnerships on nano-materials or composite materials. Dr. Hui currently received four Honorary Doctorates in recognition for valuable service and international leadership in Composites or Nano Engineering. He is currently Honorary Professor of Xi'an Technological University, China, Consultant Professor of Huazhong University of Science and Technology, China, and guest professor of Donghua Univ. in Shanghai, China and Honorary Professor of Saigon Technology University, Vietnam.