

Editor Introduction



Prof. Dr. DAVID HUI

DAVID HUI (University of New Orleans) Professor

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Ph.D. Aerospace Engineering
D.Sc.(Honoris Causa), Oct. 2004
D.Sc. (Honoris Causa), Nov. 2006
D.Sc. (Honoris Causa), Mar. 2007
Ph.D. Engineering (Honoris Causa), May 2007

Dr. David Hui is Professor of Mechanical Engineering and director of Composites Materials Research Laboratory at University of New Orleans. He received his Ph.D. from University of Toronto in Aerospace Engineering under the supervision of Professors Rod C. Tennyson and J.S. Hansen, and Master degree from Massachusetts Institute of Technology. Dr. Hui has edited over 35 widely cited books, as evidence in the Googles Search showing over 14000 citations. Other books includes, editor of Army Research Office workshop "Dynamics of Structures" proceedings, ICCE/1-15, SES, ASME books and numerous special issues of journals, and served as numerous keynote lecturers. He has served as founder and editor-in-chief of one of the most prestigious journals in composite materials, Composites B Engineering journal. This journal has consistently ranked second or third among all composite materials journals in terms of impact factors. Currently, he serves on the editorial board of 25 international journals, seven of them are nano journals, and the rest are mostly composite materials journals.

Dr. Hui is currently ASME Fellow, ICCE Fellow, AIAA Associate Fellow and CASI Associate Fellow. Dr. Hui was awarded The Ohio State University Research Award, ASME Pressure Vessels and Piping Certificate of recognition, ASME Ralph James Award (ASME Petroleum Division), NASA Certificates of Recognition, ASME ETCE Service Awards, the University of New Orleans Alumni (lifetime) Career Research Achievement Award and the University of New Orleans, University Research Professor. Dr. Hui is the chairman of ICCE, which has grown to be the world's pre-eminent annual "technical" composite materials or nano-materials conference.

Dr. Hui has conducted funded research on composites materials and nano-materials, mostly for mechanical/aerospace engineering and ship structures applications. He is widely known for his research on (i) nano materials mechanical properties modeling and prototyping (ii) mechanical behavior of materials under high or low temperatures, flammability and creep of composite materials, including smart