

Biography of Dr. Tian-Bing Xu

Dr. Tian-Bing Xu received his Diploma in Physics from Shandong University, China in 1987, and his M.S. in Electrical Engineering in 1999 and Ph.D. in Materials in 2002 from Pennsylvania State University.

Currently, Dr. Xu is a Senior Research Scientist at the National Institute of Aerospace (NIA), which is affiliated with NASA Langley Research Center (NASA/LaRC). Prior to joining the newly formed NIA in January 2003, he had worked for one year at ICASE at NASA/LaRC as a Staff Scientist. Before he came to the United States to pursue his advanced degrees, he worked for eight years as an engineer and Associate Director at the Ion Beam Laboratory at the Chinese Academy of Sciences' Institute of Physics.

Dr. Xu's current research interests are in the areas of development and application of advanced electroactive materials and structures. Dr. Xu has been the lead for several NASA Langley and NIA projects, managing/co-managing over one million dollars in research funding. Dr. Xu has filed seven US patents and seven additional US patent disclosures, authored or coauthored more than 50 papers in peer-reviewed journals and over 20 conference proceedings, delivered more than 40 presentations (including 5 invited talks) at universities as well as at national and international conferences. Dr. Xu's research has been cited over 270 times by research groups in 21 countries. He has also received a number of awards and recognitions from NASA and NIA.

In addition, Dr. Xu is an active member of APS, IEEE, SPIE, ASME, and MRS.