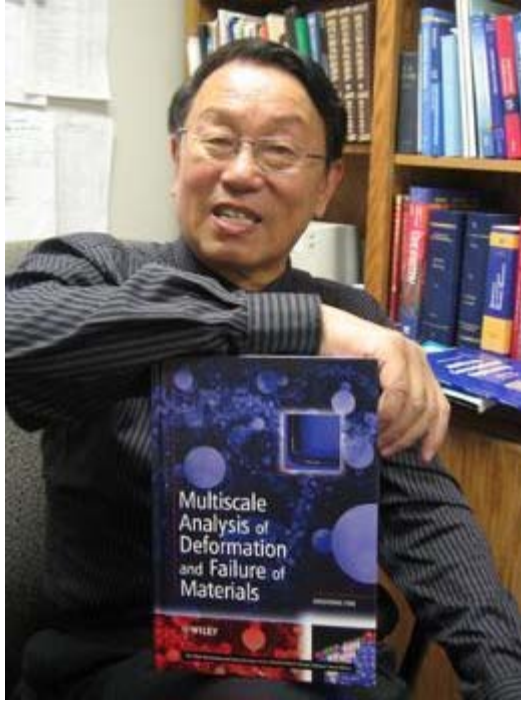


Engineering professor authors textbook

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Jinghong Fan, professor of mechanical engineering in the Inamori School of Engineering at Alfred University, is the author of a new textbook, "Multiscale analysis on deformation and failure of materials," just released by John Wiley and Sons. The textbook is part of a series, "Microsystems and Nanotechnology," and is intended for undergraduate and graduate students. Along with the textbook, Fan has developed a companion web site: <http://multiscale.alfred....> completed the book during his sabbatical in fall 2009. A member of the AU faculty since 2000, Fan completed his master's and Ph.D. degrees in applied mechanics in the Department of Aerospace Engineering and Engineering Mechanics at the University of Cincinnati. He received a baccalaureate degree in design and manufacturing from the Department of Naval Architecture, Shanghai Jiao Tong University, and another degree in applied mathematics from Shanghai Fu Dun University. Prior to coming to Alfred, Fan had been a senior research scientist at Georgia Tech, and had taught at the University of Tennessee, the University of Cincinnati, and Chongqing University. He was also the director of the Laboratory on Constitutive Laws of Engineering Materials at Chongqing University. Fan's research interests include composite and smart materials; micro/macro scale analysis of the mechanics of materials; light-weight, cost effective alloys; non-linear finite element analysis; microstructure-based fatigue analysis; fracture and damage mechanics; and nonlinear continuum mechanics.