



Professor Jianqiao Ye, PhD, CEng, FIMechE

See:

http://www.engineering.lancs.ac.uk/people/Jianqiao_Ye

<http://www.engineering.lancs.ac.uk/>

<http://www.sciencedirect.com/science/article/pii/S0961952609800166>

<http://academic.hep.com/mh/amm/index.html>

<http://www.barnesandnoble.com/c/jianqiao-ye>

Chair of Mechanical Engineering
Lancaster University, UK

Professor Ye's career has developed through posts at Hefei University of Technology, Aston University, Cardiff University, the University of Nottingham and the University of Leeds. He has also had visiting posts at Hefei University of Technology, Harbin Institute of Technology, Wuhan University, Nanyang Technological University and the University of Sydney. He is a Fellow and industrial advisor of IMechE and a board member of the ASCE Structural Stability Committee.

Professor Ye's research covers a broad range of both academic and industrial interests, including: nonlinear eigenvalue problems; optimization of laminated composite aircraft wing panels, three dimensional modelling of laminated composites materials, failure and damage assessment and damage tolerance of fibre reinforced composites, progressive collapse, fire resistance and performance based design of lightweight steel structures, underground coal gasification and CO₂ storage, multiscale modelling of fibre reinforced composite, multiscale modelling of electro-mechanical wave conduction in biological tissues, and lightweight nanocomposites.

Professor Ye has collaborative research with a number of top research institutes around the world, such as NPL, Manchester University, Stanford University and Australian National University. His contributions to industrial applications of composite materials and structures are also internationally recognised. There is considerable interest in his work in several leading companies, including Airbus, QinetiQ, BAE Systems, Dunlop and ITASCA. He is partner of a number of EU research consortiums, including UCG and CO₂ storage, performance based design of cold formed steel structures and lightweight composites. He is also a partner of an international consortium lead by Qinetiq, working on failure assessment of laminated composites under tri-axial loads, as a part of the 2nd World Wide Failure Exercise (WWFE-II).

Professor Ye has published over 150 referred papers on international journals and conferences proceedings. He also published a monograph on 3D modelling of Composite Plates and Shells with Springer-Verlag and a well received textbook on Structural and Stress Analysis by Spon Press. He is a co-author of a book on Multiscale Modelling of Engineering Materials to be published by Wiley. He has been a regular reviewer of many leading journals and served as a member of the editorial board of various international conferences and a number of refereed journals.