

2002 Applied Mechanics Division Award

Presented to

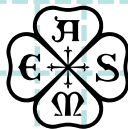
Prof. David E. Newland

In recognition of

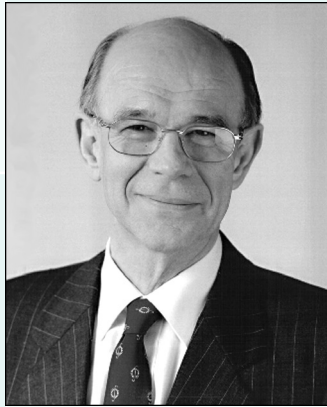
**His fundamental contributions to mechanics and
design, and for academic leadership**

Presented at

**The 2002 International Mechanical Engineering
Congress & Exposition
New Orleans, LA**



ASME International



Professor David E. Newland
Department of Engineering
University of Cambridge, UK

David E. Newland is a Professor of Engineering and currently one of the Deputy Vice-Chancellors of Cambridge University. After graduating from Cambridge, he worked in industry before becoming a graduate student at MIT and, later, an assistant professor. Following periods on the staff at London and Sheffield Universities, he returned to Cambridge, serving as Head of the Department of Engineering from 1996-2002 and as a non-executive director of the Cambridge-MIT Institute from its formation in 1999.

He is a mechanical engineer, specializing in vibration engineering and design, and recently was engineering adviser to the London Millennium Bridge Trust, tackling the problems of London's wobbly bridge. He has been a consultant on many mechanical engineering topics, including the Flixborough and Piper Alpha public inquiries into major engineering failures in the UK.

He is a fellow of the British Royal Academy of Engineering and of numerous professional bodies including ASME and the Acoustical Society of America.

Professor Newland gave a Distinguished Alumni Lecture at MIT on the Reality of Change in 1999, and spoke on Engineering Education for the 21st Century at MIT's Millennium Conference on the future of civil and environmental engineering. He will be speaking on Lessons from the Cambridge-MIT Institute at a meeting of the Australian Academy of Technological Sciences and Engineering in Sydney in November 2002.

He has written many papers in US and British engineering journals and is the author of two books, ***Random Vibrations, Spectral and Wavelet Analysis***, 3rd edition, 1993, and ***Mechanical Vibration Analysis and Computation***, 1989.

Applied Mechanics Executive Committee 2001-2002

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Applied Mechanics Division Award

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2001 Dan Mote