

Nick Lieven -- Nick Lieven is Head of the Aerospace Engineering Department and Professor of Aerospace Dynamics at Bristol University. He obtained his first degree in Acoustics and Vibration from the Institute of Sound and Vibration Research in Southampton and then completed a Rolls-Royce funded PhD from Imperial College in Structural Dynamics. After completing his doctoral studies he joined Airbus UK working in large aircraft aero elastic modelling. His research interests focus particularly on the link between the inherent stress in structures and their dynamic response. The work has involved the development of Life management devices and laser vibrometry based methods for non-invasive dynamic measurement and life prediction of structures. Recent projects include: dynamic modeling of stressed structures, mathematical development of auto-balancing methods for rotating machinery, finite element model updating methods, laser measurement of aerospace structures, aero-structural coupling and modeling of viscous/hysteretic lag dampers for helicopter stability. He is a member of: the European Laser Velocimetry research consortium (LAVINYA), the GARTEUR group on robust modeling of flexible aircraft, NATO's TTCP panel on vibration testing and validation of flexible aircraft.



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