

DISTINGUISHED GUEST SPEAKER

PROFESSOR JONATHAN COOPER
FRENG FRAES FAIAA
PRESIDENT, ROYAL AERONAUTICAL SOCIETY (RAeS)

Jonathan Cooper is the Airbus Royal Academy of Engineering Sir George White Professor of Aerospace Engineering at the University of Bristol. He was educated at Cheltenham Bournside School and then obtained a BSc in Engineering Mathematics and a PhD in Aeronautical Engineering from Queen Mary College, University of London. He worked as a Senior Research Fellow at the Royal Aerospace Establishment, Farnborough, for three years before joining the University of Manchester in October 1989 as a 'new-blood' lecturer. Prof Cooper spent 18 years there, becoming the last Head of School of the Manchester School of Engineering. Following a brief spell as Professor of Aerostructures and Aeroelasticity at the University of Liverpool, in February 2012 Prof Cooper moved to the Airbus sponsored Sir George White Chair in Aerospace Engineering at the University of Bristol and was awarded a Royal Academy of Engineering Research Chair in 2013.

Prof Cooper has an international reputation in the fields of aeroelasticity, loads and structural dynamics, has published over 400 technical papers in journals and conferences and is the co-author of the Wiley text book, Introduction to Aircraft Aeroelasticity and Loads. Over the past 30 years he has worked closely with industry to develop solutions that enable aircraft designs to be more fuel efficient and environmentally friendly through exploitation of the interactions between the airflow and aircraft structures.

Jonathan Cooper has been involved in a wide range of RAeS activities. He was elected to the RAeS Council in 2013 and has been chair of the Professional Standards Board, a member of the Structures & Materials and Corporate Accreditation Committees and an Associate Editor of The Aeronautical Journal. He has also been a committee member of the Manchester and Bristol Branches. Prof Cooper is a Fellow of the Royal Academy of Engineering, a Fellow of the Royal Aeronautical Society (RAeS), a Fellow of the American Institute of Aeronautics and Astronautics (AIAA) and has been a Chartered Engineer for over 25 years. He is currently the President of the RAeS.