



BLADE - NATURAL LAMINAR FLOW FLIGHT TESTING

SIMON GALPIN - HEAD OF AERODYNAMICS AND VP ENGINEERING

TOM GIBSON - TECHNICAL COMPETENCE LEADER, COMPONENT AERODYNAMICS

AIRBUS

UNIVERSITY OF SOUTHAMPTON / THURSDAY 5TH MARCH



The BLADE project – which stands for “Break-through Laminar Aircraft Demonstrator in Europe” – is tasked with assessing the feasibility of introducing laminar flow technology for commercial aviation. It aims to improve aviation’s ecological footprint, bringing with it a 50% reduction of wing friction and up to five percent lower CO₂ emissions.

Simon and Tom will discuss the challenges of modifying a full sized airliner to develop this technology, how the test programme has improved our understanding of laminar flow and what this means for the future of aircraft design.

VENUE

Turner Sims Southampton
Highfield Campus
University of Southampton
Southampton, SO17 1BJ

18:00 - Drinks reception
19:00 - Lecture starts

FREE ADMISSION

All welcome

Advance registration is required at:
mitchell2020.eventbrite.co.uk
or by emailing:
solent@aerosociety.com



www.solent-raes.org.uk/lectures

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