

Aerodynamics and Flight Mechanics Research Group

- 4 February 2015 Professor Michael Friswell (Swansea University) "Morphing Aircraft: An improbable dream?"
- 11 February 2015 Dr Philippe Lavoie (University of Toronto) "Characterization and control of the blunt trailing edge wake"
- 18 February 2015 Professor Phillip Hall (Monash University and Imperial College) "Exact coherent structures and turbulence"
- 25 February 2015 Dr Martin Schmitt (ETH Zurich) "Direct numerical simulations in engine like geometries with focus on the unsteady wall heat transfer"
- 4 March 2015 Dr Fulvio Sartor (University of Liverpool) "Unsteadiness in transonic shock-wave/boundary-layer interaction: experimental investigation and global stability analysis"
- 11 March 2015 AFM PGR presentations:
Steven Daniels "Numerical analysis of free-stream turbulence effects on rectangular bridge decks undergoing vortex-induced vibrations"
Robert Bleischwitz "Aspect ratio and ground-effect influences on aeromechanics of membrane wings."
- 18 March 2015 Dr Yasser Mahmoudi (Cambridge University) "Low order modelling of broadband combustion noise"
- 22 April 2015 Dr Jens Fransson (KTH, Sweden) "Skin-friction drag reduction using the method of spanwise mean velocity gradient"
- 29 April 2015 Professor Paul Linden (Cambridge University) "Turbulence in stably stratified shear flow."
- 6 May 2015 Dr Sam Sinayoko (ISVR) "Application of a generalized Ffowcs-Williams and Hawkings equation with a buffer layer to flow simulations with vortical outflow"
- 13 May 2015 Dr Wernher Brevis (University of Sheffield) "Obstacle forcing of turbulent environmental flows"
- 20 May 2015 Dr Onofrio Semarero (Laboratoire d'Hydrodynamique, Ecole Polytechnique) "Active control of Boundary Layer instabilities: the effects of actuator/sensor choice."

All talks begin at 16.15 in 3021, Tizard building. Tea, coffee and biscuits are available from 16.00 in the Lilley Room (5019, Tizard).

Questions/comments can be directed to Ed Richardson, 5103 Tizard,
E.S.Richardson@soton.ac.uk (tel: +44(0)23 8059 4897, internal: 24897).