Aerodynamics and Flight Mechanics Research Group

25 January 2017	Dr Margarete O. Domingues (Brazilian Institute of Space Research) "Wavelet-based feature detection in space data modelling and adaptive numerical simulation"
1 February 2017	Professor Luca Brandt (KTH) "Interface-resolved simulations of particle-laden channel flow"
8 February 2017	Dr Marcello Righi (ZHAW School of Engineering) "Hybrid RANS-LES turbulence modelling in aeroelastic problems"
15 February 2017	Dr Jochen Kriegseis, (KIT) "Pattern Identification in Velocity Fields - Strategies and Examples"
22 February 2017	Professor Stewart Cant (University of Cambridge) "Faster flames and finer sprays"
1 March 2017	Angeliki Laskari (University of Southampton) "Space-time evolution of uniform momentum zones in a turbulent boundary layer" Arslan Ahmed (University of Southampton) "Low-order equilibrium solutions in plane Couette flow"
8 March 2017	Professor Changchuan Xie (Beihang University) "Aeroelasticity and flight dynamics of very flexible aircraft"
15 March 2017	Dr Daniele Fiscaletti (University of Southampton) "Scale interactions in turbulent boundary-free shear flows"
22 March 2017	Dr Richard Bomphrey (Royal Veterinary College London) "Insect and Bird flight: aerodynamics and control"
26 April 2017	Professor Heiko Schmidt (Brandenburg University of Technology) "On the benefits of ODT-based stochastic turbulence modeling"
3 May 2017	Dr Yoshiyuki Tagawa (Tokyo University of Agriculture and Technology) "Highly focused liquid jets induced by an impulsive force: Viscous jets and high-speed jets"
10 May 2017	Professor Eric Lauga (DAMTP, University of Cambridge) "Hydrodynamic interactions between flagellar filaments"
17 May 2017	Dr Esther Sumner (NOCS, University of Southampton) "Giant seafloor sediment avalanches"

All talks begin at 16.15 in 13/3021. Tea, coffee and biscuits are available from 16.00 in the Lilley Room (13/5019, Tizard).
Questions/comments can be directed to Ivo Peters, 13/5055, i.r.peters@soton.ac.uk (tel: +44(0)23 8059 4643, internal: 24643).