

Aerodynamics and Flight Mechanics Research Group

- 30 September 2015 Dr Jason Hearst (University of Southampton) "Far-field evolution of non-equilibrium turbulence"
- 7 October 2015 Professor Blocken (TU Eindhoven) "Computational Fluid Dynamics for Urban Physics"
- 14 October 2015 Dr Qing Xiao (Strathclyde University) "CFD study on Fluid-Structure-Interaction problem in biomimetic and ocean engineering"
- 21 October 2015 Professor Ismet Gursul (Bath University) "Wakes of periodically oscillating aerofoils and wings"
- 28 October 2015 AFM PGR talks:

Xiaowan Liu, "High-speed train pantograph noise modelling"

Sabarish Vadarevu, "Laminar solutions for channel flows with wavy walls of finite amplitude: Onset of separation, and drag variation"

Javier Otero-Perez "Limitations of Adjoint-based Optimisation for Separated Flows."
- 4 November 2015 Professor Ian Castro (University of Southampton) "A breaking internal lee wave"
- 11 November 2015 Dr Ralf Deiterding (University of Southampton) "tbc (lattice-Boltzmann methods)"
- 18 November 2015 Professor Berend van Wachem (Imperial College) "tbc (multiphase flow simulation)"
- 25 November 2015 Professor Rob Poole (Liverpool University) "tbc (viscoelastic flow)"
- 2 December 2015 Professor Johan Meyers (KU Leuven) "Simulation and optimal control of wind farms in the atmospheric boundary layer"
- 9 December 2015 Professor Eric Lamballais (University of Poitiers) "Artificial dissipation versus subgrid-scale modelling for LES"
- 6 January 2016 Dr Eric Lauga (University of Cambridge, DAMTP) "The fluid dynamics of microbes"

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).