

22 May 2015



SG2224
Applied CFD

Project presentation

Max 15 min / group (10 min presentation + 5 min questions and change)

- **Session 1 – advanced aerodynamics**

- 13:20 A1: Falling Object
- 13:35 H1: Jet Vector Control
- 13:50 H2: Jet Vector Control
- 14:05 I1: Fluidic Oscillator for flow control
- 14:20 J1: Wing with Flow Control
- 14:35 J2: Wing with Flow Control
- 14:50 J3: Wing with Flow Control

- **Session 2 – two-phase and complex flows**

- 15:20 C1: Hydrodynamic Wedge Surface Impact
- 15:35 D1: Hydrofoil Close to Free-Surface
- 15:50 D2: Hydrofoil Close to Free-Surface
- 16:05 G1: Air Bubbles in Blood Channel
- 16:20 E1 + F1: Motorcycle Shock Absorber Valve Orifice
- 16:45 B1 + B2: Sluice Gate

- **Session 3 – PhD projects (short 5min presentations)**

- 17:10 X4: Hydrodynamic Wedge Surface Impact
- 17:15 X2: *Submarine – postponed*
- 17:20 X1: T-junction
- 17:25 X3: Jet flow

