

Incompact3d User Group Meeting

Imperial College London, Department of Aeronautics, Lecture Room 266

24th April 2014

LOCATION: Room ROH 266, Aeronautics Department, Imperial College London, South Kensington Campus, SW72AZ, London, UK

Timetable

13.00-13.15: *Informal Welcome*

13.15-13.45: *Ning Li (NAG, UK)*
2DECOMP&FFT - the library behind Incompact3D

13.45-14.15: *Eric Lamballais (University of Poitiers, France)*
High-order numerical dissipation: why and how?

14.15-14.45: *Sylvain Laizet (Imperial College London, UK)*
From fractal-generated turbulence to gravity currents: an overview of the versatility of Incompact3d

14.45-15.15: *Break and discussions*

15.15-15.45: *Sohrab Khosh Aghdam (Sheffield University, UK)*
Application of wall forcing methods in a turbulent channel flow using Incompact3d

15.45-16.15: *Cedric Flageul (EDF Energy, France)*
Conjugate fluid-solid heat transfer in a turbulent channel flow

16.15-16.45: *Thibault Dairay (Imperial College London, UK)*
DNS/LES of a turbulent jet impinging on a heated plate

16.45-17.15: *Discussion session: Incompact3d: some problems to fix and further challenges, chaired by Eric Lamballais and Sylvain Laizet*

17.15: *End of the meeting*

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