
Annual Student Seminar

Vortices and particles in turbulent flows

S. Ravichandran

Turbulent flows carrying particles are found in a wide variety of natural phenomena and artificial processes. We seek to understand such flows in the context of (atmospheric) clouds. We do this by studying the interaction of finite-sized particles with vortices, the building blocks of turbulence. We find several interesting effects of particle inertia, which we hope to extrapolate to real flows.

Monday, Nov 16th 2015

4:00 PM (Tea/Coffee at 3:45 PM)

Seminar Hall, TCIS